

ITB # 25-0027-UT
WATER, RECLAIMED WATER AND WELL REPAIR IMPROVEMENTS
BIDDER TABULATIONS - ALL GROUPS

	GROUP A	GROUP B	GROUP C	GROUP D	GROUP E
#1 Applied Drilling Engineering, Inc.	\$0.00	\$0.00	\$0.00	\$0.00	\$1,494,350.00
#2 Rowland DE LLC.	\$60,595,741.25	\$0.00	\$0.00	\$0.00	\$0.00
#3 Murphy Pipeline Contractors	\$53,006,306.18	\$60,996,574.24	\$2,558,063.75	\$0.00	\$0.00
#4 TLC Diversified, Inc.	\$48,455,220.00	\$57,382,820.00	\$2,544,025.00	\$14,045,625.00	\$2,395,580.00

25-0027-UT Water, Reclaimed Water and Well Repair & Improvements (GROUP A - Water and RCW Point Repair)				Applied Drilling Engineering, Inc.		Murphy Pipeline Contractors		Rowland DE LLC.		TLC Diversified, Inc.		
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
		GENERAL - GROL										
		*Mobilization sh										
		*Emergency Mobilization/Demobilization & General										
X	1	Conditions and Traffic Control1 (max \$5,000)	30	EA	\$0.00	\$0.00	\$5,000.00	\$150,000.00	\$5,000.00	\$150,000.00	\$3,000.00	\$90,000.00
X	2	Non-Emergency Mobilization/Demobilization & General Conditions and Traffic Control1 (max	75	EA	\$0.00	\$0.00	\$4,000.00	\$300,000.00	\$4,000.00	\$300,000.00	\$4,000.00	\$300,000.00
	Bid Items 3a to 3											
X	3a	FDOT Index 601 - Work Beyond the Shoulder	180	EA/DAY	\$0.00	\$0.00	\$1,000.00	\$180,000.00	\$800.00	\$144,000.00	\$1,500.00	\$270,000.00
X	3b	FDOT Index 602 - Work on Shoulder	180	EA/DAY	\$0.00	\$0.00	\$1,500.00	\$270,000.00	\$800.00	\$144,000.00	\$1,500.00	\$270,000.00
X	3c	FDOT Index 603 - Two Lane Two Way Work within Travel way	60	EA/DAY	\$0.00	\$0.00	\$1,650.00	\$99,000.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00
X	3d	FDOT Index 604 - Two Lane Two Way - Intersection Work	60	EA/DAY	\$0.00	\$0.00	\$1,650.00	\$99,000.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00
X	3e	FDOT Index 613 - Multilane Roadway - Lane Closures	60	EA/DAY	\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00
X	3f	FDOT Index 615 - Multilane Roadway - Intersection	60	EA/DAY	\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00
X	3g	FDOT Index 620 - Multilane Roadway - Temporary Diversion	60	EA/DAY	\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$1,500.00	\$90,000.00	\$1,600.00	\$96,000.00
X	3h	FDOT Index 625 - Temporary Road Closure	60	EA/DAY	\$0.00	\$0.00	\$2,062.50	\$123,750.00	\$1,000.00	\$60,000.00	\$800.00	\$48,000.00
X	3i	FDOT Index 628 - Two Way Left Turn Lanes	60	EA/DAY	\$0.00	\$0.00	\$2,062.50	\$123,750.00	\$1,000.00	\$60,000.00	\$1,600.00	\$96,000.00
X	3j	Flagman	200	HOUR	\$0.00	\$0.00	\$72.00	\$14,400.00	\$50.00	\$10,000.00	\$65.00	\$13,000.00
X	3k	Arrow Board - 5' Minimum Horizontal Size	30	EA/DAY	\$0.00	\$0.00	\$48.00	\$1,440.00	\$137.00	\$4,110.00	\$65.00	\$1,950.00
X	3l	Variable Message Board	30	EA/DAY	\$0.00	\$0.00	\$84.00	\$2,520.00	\$182.00	\$5,460.00	\$75.00	\$2,250.00
X	3m	Concrete Barrier (FDOT Index No. 415)	60	EA/DAY	\$0.00	\$0.00	\$550.00	\$33,000.00	\$500.00	\$30,000.00	\$25.00	\$1,500.00
X	3n	Low Profile Barrier (FDOT Index No. 412)	60	EA/DAY	\$0.00	\$0.00	\$650.00	\$39,000.00	\$500.00	\$30,000.00	\$20.00	\$1,200.00
X	3o	Sign in Work Zone	100	EA/DAY	\$0.00	\$0.00	\$2.00	\$200.00	\$4.00	\$400.00	\$2.00	\$200.00
X	3p	FDOT Cone	100	EA/DAY	\$0.00	\$0.00	\$1.10	\$110.00	\$3.50	\$350.00	\$2.00	\$200.00
X	3q	FDOT Channelizing Drum	100	EA/DAY	\$0.00	\$0.00	\$1.10	\$110.00	\$3.50	\$350.00	\$2.00	\$200.00
X	3r	Barricade, Type III with Warning Light	100	EA/DAY	\$0.00	\$0.00	\$1.10	\$110.00	\$5.00	\$500.00	\$6.00	\$600.00
X	3s	Barricade, Type I or II with Warning Light	100	EA/DAY	\$0.00	\$0.00	\$1.10	\$110.00	\$5.00	\$500.00	\$7.00	\$700.00
	LABOR AND EQUIPMENT											
	Bid Items 4a-1 an											
	LABOR HOUR											
X	4a	Foreman regular time	1500	HOUR	\$0.00	\$0.00	\$115.00	\$172,500.00	\$125.00	\$187,500.00	\$100.00	\$150,000.00
X	4b	Foreman overtime	200	HOUR	\$0.00	\$0.00	\$172.50	\$34,500.00	\$135.00	\$27,000.00	\$150.00	\$30,000.00
X	4c	Operator regular time	2000	HOUR	\$0.00	\$0.00	\$64.90	\$129,800.00	\$110.00	\$220,000.00	\$65.00	\$130,000.00
X	4d	Operator overtime	200	HOUR	\$0.00	\$0.00	\$96.80	\$19,360.00	\$120.00	\$24,000.00	\$88.00	\$17,600.00
X	4e	Truck Driver regular time	1000	HOUR	\$0.00	\$0.00	\$67.85	\$67,850.00	\$60.00	\$60,000.00	\$65.00	\$65,000.00
X	4f	Truck Driver overtime	50	HOUR	\$0.00	\$0.00	\$101.20	\$5,060.00	\$70.00	\$3,500.00	\$88.00	\$4,400.00
X	4g	Pipe Layer regular time	2000	HOUR	\$0.00	\$0.00	\$61.95	\$123,900.00	\$100.00	\$200,000.00	\$65.00	\$130,000.00
X	4h	Pipe Layer overtime	200	HOUR	\$0.00	\$0.00	\$92.40	\$18,480.00	\$110.00	\$22,000.00	\$88.00	\$17,600.00
X	4i	Laborer regular time	2000	HOUR	\$0.00	\$0.00	\$55.65	\$111,300.00	\$95.00	\$190,000.00	\$60.00	\$120,000.00
X	4j	Laborer overtime	2000	HOUR	\$0.00	\$0.00	\$84.00	\$168,000.00	\$105.00	\$210,000.00	\$82.00	\$164,000.00
X	4k	Preconstruction Video	30	DAY	\$0.00	\$0.00	\$85.00	\$2,550.00	\$500.00	\$15,000.00	\$500.00	\$15,000.00
X	4l	Asbuilt Survey	80	DAY	\$0.00	\$0.00	\$275.00	\$22,000.00	\$2,500.00	\$200,000.00	\$2,200.00	\$176,000.00
	EQUIPMENT											
X	5a	Foreman's pickup truck with hand tools	1500	HOUR	\$0.00	\$0.00	\$33.75	\$50,625.00	\$65.00	\$97,500.00	\$40.00	\$60,000.00
X	5b	Job truck with tools	1500	HOUR	\$0.00	\$0.00	\$35.125	\$52,687.50	\$70.00	\$105,000.00	\$50.00	\$75,000.00
X	5c	Tractor & Trailer (Transport)	200	HOUR	\$0.00	\$0.00	\$125.00	\$25,000.00	\$80.00	\$16,000.00	\$55.00	\$11,000.00
X	5d	Track Hoe (to 100 HP)	1100	HOUR	\$0.00	\$0.00	\$87.50	\$96,250.00	\$130.00	\$143,000.00	\$115.00	\$126,500.00
X	5e	Track Hoe (101 HP to 170 HP)	500	HOUR	\$0.00	\$0.00	\$143.75	\$71,875.00	\$140.00	\$70,000.00	\$120.00	\$60,000.00
X	5f	Track Hoe (171 HP and up)	750	HOUR	\$0.00	\$0.00	\$218.75	\$164,062.50	\$200.00	\$150,000.00	\$130.00	\$97,500.00
	LANDSCAPING/R											
X	6a	Sodding	75000	SF	\$0.00	\$0.00	\$1.75	\$131,250.00	\$3.00	\$225,000.00	\$1.75	\$131,250.00
X	6b	Brush Removal	40	TON	\$0.00	\$0.00	\$500.00	\$20,000.00	\$212.50	\$8,500.00	\$200.00	\$8,000.00
X	6c	Tree Protection	15	EA	\$0.00	\$0.00	\$312.50	\$4,687.50	\$120.00	\$1,800.00	\$300.00	\$4,500.00
X	6d	Tree Removal (>6" Trunk Diameter)	5	EA	\$0.00	\$0.00	\$625.00	\$3,125.00	\$262.00	\$1,310.00	\$1,000.00	\$5,000.00
X	6e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$750.00	\$2,500.00	\$1,740.00	\$522.00	\$1,500.00	\$4,500.00
X	6f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$2,025.00	\$6,075.00	\$3,480.00	\$10,440.00	\$3,000.00	\$9,000.00
X	6g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$3,375.00	\$10,125.00	\$8,700.00	\$26,100.00	\$6,000.00	\$18,000.00
	MATERIALS											
X	7a	Remove and Replace Concrete Sidewalk, (4" Min Thickness)	500	SF	\$0.00	\$0.00	\$27.50	\$13,750.00	\$16.50	\$8,250.00	\$25.00	\$12,500.00
X	7b	Remove and Replace Concrete Sidewalk, (6" Min Thickness)	500	SF	\$0.00	\$0.00	\$32.50	\$16,250.00	\$27.00	\$13,500.00	\$28.00	\$14,000.00
X	7c	Remove and Replace Concrete Driveway	250	SF	\$0.00	\$0.00	\$193.75	\$48,437.50	\$182.50	\$45,625.00	\$165.00	\$41,250.00
X	7d	Full Width Milling (Up to 2")	7500	SF	\$0.00	\$0.00	\$40.00	\$300,000.00	\$45.00	\$337,500.00	\$30.00	\$225,000.00
X	7e	Full Width Milling (2" to 4")	7500	SF	\$0.00	\$0.00	\$31.25	\$234,375.00	\$45.00	\$337,500.00	\$35.00	\$262,500.00
X	7f	SP 12.5 Asphalt Concrete Resurfacing	500	TON	\$0.00	\$0.00	\$275.00	\$137,500.00	\$450.00	\$225,000.00	\$400.00	\$200,000.00
X	7g	SP 9.5 Asphalt Concrete Resurfacing	500	TON	\$0.00	\$0.00	\$275.00	\$137,500.00	\$450.00	\$225,000.00	\$400.00	\$200,000.00
X	7h	Pavement Marking - Crosswalk (Lane)	500	LF	\$0.00	\$0.00	\$2.50	\$1,250.00	\$36.00	\$18,000.00	\$20.00	\$10,000.00
X	7i	Pavement Marking - Stop Bars (Lane)	250	EA	\$0.00	\$0.00	\$112.50	\$28,125.00	\$180.00	\$45,000.00	\$345.00	\$86,250.00
X	7j	Pavement Marking - School Crossing/RR	50	EA	\$0.00	\$0.00	\$110.00	\$5,500.00	\$264.00	\$13,200.00	\$600.00	\$30,000.00
X	7k	Pavement Marking - Turn, Straight, Combo Arrows	50	EA	\$0.00	\$0.00	\$125.00	\$6,250.00	\$192.00	\$9,600.00	\$80.00	\$4,000.00
X	7l	Double Yellow	500	LF	\$0.00	\$0.00	\$1.25	\$625.00	\$12.00	\$6,000.00	\$9.00	\$4,500.00
X	7m	Pavement Marking - Solid White	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$12.00	\$3,000.00	\$9.00	\$2,250.00
X	7n	Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00	\$1.875	\$468.75	\$12.00	\$3,000.00	\$12.00	\$3,000.00
X	7o	Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$12.00	\$3,000.00	\$9.00	\$2,250.00
X	7p	Temporary Pavement Marking - Turn, Straight, Combo Arrows	250	EA	\$0.00	\$0.00	\$125.00	\$31,250.00	\$192.00	\$48,000.00	\$75.00	\$18,750.00

X	7q	Temporary Pavement Marking - Dashed (White, Yellow, or Double Yellow)	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$7.25	\$1,812.50	\$5.00	\$1,250.00
X	7r	Temporary Pavement Marking - Solid White	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$7.25	\$1,812.50	\$5.00	\$1,250.00
X	7s	Temporary Pavement Marking - Solid Double Yellow	250 LF	\$0.00	\$0.00	\$1.875	\$468.75	\$7.25	\$1,812.50	\$8.00	\$2,000.00
X	7t	Temporary Pavement Marking - Solid Yellow	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$7.25	\$1,812.50	\$5.00	\$1,250.00
X	7u	Remove and replace concrete curb and gutter (FDOT Type A)	750 LF	\$0.00	\$0.00	\$56.25	\$42,187.50	\$54.00	\$40,500.00	\$45.00	\$33,750.00
X	7v	Remove and replace concrete curb and gutter (FDOT Type E)	750 LF	\$0.00	\$0.00	\$87.50	\$65,625.00	\$84.00	\$63,000.00	\$60.00	\$45,000.00
X	7w	Remove and replace concrete curb and gutter (FDOT Type F)	750 LF	\$0.00	\$0.00	\$87.50	\$65,625.00	\$84.00	\$63,000.00	\$60.00	\$45,000.00
X	7x	3000 psi Concrete	100 CY	\$0.00	\$0.00	\$625.00	\$62,500.00	\$450.00	\$45,000.00	\$425.00	\$42,500.00
X	7y	Off Site Selected Fill	1500 CY	\$0.00	\$0.00	\$62.50	\$93,750.00	\$36.00	\$54,000.00	\$55.00	\$82,500.00
X	7z	Limerock Base Material	750 TON	\$0.00	\$0.00	\$91.25	\$68,437.50	\$70.00	\$52,500.00	\$95.00	\$71,250.00
X	7aa	Crushed Concrete Base Material	750 TON	\$0.00	\$0.00	\$117.50	\$88,125.00	\$132.00	\$99,000.00	\$100.00	\$75,000.00
X	7ab	Stabilized Subgrade	750 TON	\$0.00	\$0.00	\$91.25	\$68,437.50	\$60.00	\$45,000.00	\$85.00	\$63,750.00
X	7ac	# 57 Washed Stone	750 TON	\$0.00	\$0.00	\$156.25	\$117,187.50	\$72.00	\$54,000.00	\$130.00	\$97,500.00
X	7ad	Removal of unsuitable soil	300 TON	\$0.00	\$0.00	\$28.75	\$8,625.00	\$72.00	\$21,600.00	\$50.00	\$15,000.00
X	7ae	Removal of buried concrete	300 TON	\$0.00	\$0.00	\$400.00	\$120,000.00	\$72.00	\$21,600.00	\$75.00	\$22,500.00
X	7af	Removal of Hazardous Material	300 TON	\$0.00	\$0.00	\$1,500.00	\$450,000.00	\$120.00	\$36,000.00	\$100.00	\$30,000.00
X	7ag	Rip Rap	300 TON	\$0.00	\$0.00	\$187.50	\$56,250.00	\$265.00	\$79,500.00	\$185.00	\$55,500.00
X	7ah	Flowable Fill	100 CY	\$0.00	\$0.00	\$250.00	\$25,000.00	\$265.00	\$26,500.00	\$250.00	\$25,000.00
X	7ai	Brick Pavers	100 SY	\$0.00	\$0.00	\$150.00	\$15,000.00	\$120.00	\$12,000.00	\$125.00	\$12,500.00
X	7aj	Geo Grid	20 SY	\$0.00	\$0.00	\$35.00	\$700.00	\$18.00	\$360.00	\$65.00	\$1,300.00
X	7ak	Shoring (4' to 6' deep)	10 EA	\$0.00	\$0.00	\$1,500.00	\$15,000.00	\$3,000.00	\$30,000.00	\$2,700.00	\$27,000.00
X	7al	Shoring (6' to 10' deep)	10 EA	\$0.00	\$0.00	\$4,000.00	\$40,000.00	\$5,000.00	\$50,000.00	\$3,600.00	\$36,000.00
X	7am	Steel Road Plates	40 EA	\$0.00	\$0.00	\$300.00	\$12,000.00	\$750.00	\$30,000.00	\$500.00	\$20,000.00
WELL POINT DEV											
X	8	Well Point Dewatering	2000 LF/DAY	\$0.00	\$0.00	\$82.50	\$165,000.00	\$80.00	\$160,000.00	\$55.00	\$110,000.00
GROUT FILL AND											
X	9a	2"-6"	7500 LF	\$0.00	\$0.00	\$18.75	\$140,625.00	\$18.00	\$135,000.00	\$22.00	\$165,000.00
X	9b	8"-12"	7500 LF	\$0.00	\$0.00	\$20.00	\$150,000.00	\$19.00	\$142,500.00	\$24.00	\$180,000.00
X	9c	16"-24"	5000 LF	\$0.00	\$0.00	\$25.00	\$125,000.00	\$24.00	\$120,000.00	\$25.00	\$125,000.00
X	9d	>30"	5000 LF	\$0.00	\$0.00	\$62.50	\$312,500.00	\$60.00	\$300,000.00	\$40.00	\$200,000.00
REMOVE ABAND											
X	10a	2"-6"	5000 LF	\$0.00	\$0.00	\$12.50	\$62,500.00	\$12.00	\$60,000.00	\$30.00	\$150,000.00
X	10b	8"-12"	5000 LF	\$0.00	\$0.00	\$18.75	\$93,750.00	\$18.00	\$90,000.00	\$37.00	\$185,000.00
X	10c	16"-24"	2000 LF	\$0.00	\$0.00	\$37.50	\$75,000.00	\$36.00	\$72,000.00	\$39.00	\$78,000.00
X	10d	>30"	500 LF	\$0.00	\$0.00	\$62.50	\$31,250.00	\$40.00	\$20,000.00	\$42.00	\$21,000.00
PRESSURE PIPE (
PVC (Inclusive all)											
X	11a	4" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$93.75	\$93,750.00	\$108.50	\$108,500.00	\$100.00	\$100,000.00
X	11b	4" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$150.00	\$75,000.00	\$119.00	\$59,500.00	\$125.00	\$62,500.00
X	11c	4" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$300.00	\$30,000.00	\$185.00	\$18,500.00	\$160.00	\$16,000.00
X	11d	4" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$515.00	\$25,750.00	\$284.50	\$14,225.00	\$215.00	\$10,750.00
X	11e	6" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$110.00	\$110,000.00	\$115.00	\$115,000.00	\$110.00	\$110,000.00
X	11f	6" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$157.50	\$78,750.00	\$139.50	\$69,750.00	\$135.00	\$67,500.00
X	11g	6" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$316.25	\$31,625.00	\$205.50	\$20,550.00	\$175.00	\$17,500.00
X	11h	6" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$528.75	\$26,437.50	\$305.00	\$15,250.00	\$230.00	\$11,500.00
X	11i	8" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$127.50	\$127,500.00	\$138.00	\$138,000.00	\$120.00	\$120,000.00
X	11j	8" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$177.50	\$88,750.00	\$167.00	\$83,500.00	\$150.00	\$75,000.00
X	11k	8" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$337.50	\$33,750.00	\$233.00	\$23,300.00	\$180.00	\$18,000.00
X	11l	8" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$506.00	\$25,300.00	\$332.50	\$16,625.00	\$240.00	\$12,000.00
X	11m	10" diameter (0' to 5')	200 LF	\$0.00	\$0.00	\$140.25	\$28,050.00	\$165.50	\$33,100.00	\$135.00	\$27,000.00
X	11n	10" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$195.25	\$39,050.00	\$200.00	\$40,000.00	\$160.00	\$32,000.00
X	11o	10" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$371.25	\$18,562.50	\$280.00	\$14,000.00	\$210.00	\$10,500.00
X	11p	10" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$556.60	\$16,698.00	\$400.00	\$12,000.00	\$250.00	\$7,500.00
DUCTILE IRON (
X	12a	4" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$143.75	\$143,750.00	\$156.00	\$156,000.00	\$135.00	\$135,000.00
X	12b	4" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$193.75	\$96,875.00	\$188.50	\$94,250.00	\$165.00	\$82,500.00
X	12c	4" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$352.50	\$35,250.00	\$254.50	\$25,450.00	\$230.00	\$23,000.00
X	12d	4" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$565.00	\$28,250.00	\$354.00	\$17,700.00	\$310.00	\$15,500.00
X	12e	6" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$130.00	\$130,000.00	\$157.00	\$157,000.00	\$145.00	\$145,000.00
X	12f	6" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$178.75	\$89,375.00	\$225.00	\$112,500.00	\$175.00	\$87,500.00
X	12g	6" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$337.50	\$33,750.00	\$234.00	\$23,400.00	\$185.00	\$18,500.00
X	12h	6" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$550.00	\$27,500.00	\$334.00	\$16,700.00	\$320.00	\$16,000.00
X	12i	8" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$146.25	\$146,250.00	\$158.50	\$158,500.00	\$155.00	\$155,000.00
X	12j	8" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$195.00	\$97,500.00	\$234.00	\$117,000.00	\$185.00	\$92,500.00
X	12k	8" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$353.75	\$35,375.00	\$257.00	\$25,700.00	\$200.00	\$20,000.00
X	12l	8" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$568.75	\$28,437.50	\$356.50	\$17,825.00	\$350.00	\$17,500.00
X	12m	10" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$190.00	\$19,000.00	\$180.00	\$18,000.00	\$165.00	\$16,500.00
X	12n	10" diameter (5.1' to 10')	100 LF	\$0.00	\$0.00	\$328.75	\$32,875.00	\$217.50	\$21,750.00	\$225.00	\$22,500.00
X	12o	10" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$415.00	\$20,750.00	\$283.50	\$14,175.00	\$275.00	\$13,750.00
X	12p	10" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$587.50	\$17,625.00	\$383.00	\$11,490.00	\$375.00	\$11,250.00
X	12q	12" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$187.50	\$187,500.00	\$230.50	\$230,500.00	\$175.00	\$175,000.00
X	12r	12" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$340.00	\$170,000.00	\$267.00	\$133,500.00	\$230.00	\$115,000.00
X	12s	12" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$396.25	\$39,625.00	\$316.00	\$31,600.00	\$290.00	\$29,000.00
X	12t	12" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$608.75	\$30,437.50	\$415.50	\$20,775.00	\$425.00	\$21,250.00
X	12u	14" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$280.00	\$28,000.00	\$304.00	\$30,400.00	\$225.00	\$22,500.00
X	12v	14" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$495.00	\$24,750.00	\$367.00	\$18,350.00	\$325.00	\$16,250.00
X	12w	14" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$505.00	\$10,100.00	\$404.50	\$8,090.00	\$420.00	\$8,400.00
X	12x	14" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$676.25	\$13,525.00	\$504.00	\$10,080.00	\$550.00	\$11,000.00
X	12y	16" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$221.25	\$110,625.00	\$290.00	\$145,000.00	\$230.00	\$115,000.00

X	12z	16" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$270.00	\$54,000.00	\$364.00	\$72,800.00	\$335.00	\$67,000.00
X	12aa	16" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$470.00	\$23,500.00	\$401.00	\$20,050.00	\$435.00	\$21,750.00
X	12ab	16" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$641.00	\$19,230.00	\$501.00	\$15,030.00	\$585.00	\$17,550.00
X	12ac	18" diameter (0' to 5')	50 LF	\$0.00	\$0.00	\$268.75	\$13,437.50	\$293.00	\$14,650.00	\$325.00	\$16,250.00
X	12ad	18" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$483.75	\$24,187.50	\$354.00	\$17,700.00	\$440.00	\$22,000.00
X	12ae	18" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$493.75	\$9,875.00	\$391.50	\$7,830.00	\$495.00	\$9,900.00
X	12af	18" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$666.25	\$13,325.00	\$491.00	\$9,820.00	\$500.00	\$10,000.00
X	12ag	20" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$268.75	\$134,375.00	\$359.00	\$179,500.00	\$365.00	\$182,500.00
X	12ah	20" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$318.75	\$63,750.00	\$433.50	\$86,700.00	\$445.00	\$89,000.00
X	12ai	20" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$517.50	\$25,875.00	\$541.50	\$27,075.00	\$450.00	\$22,500.00
X	12aj	20" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$691.25	\$20,737.50	\$725.00	\$21,750.00	\$500.00	\$15,000.00
X	12ak	24" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$368.75	\$184,375.00	\$430.00	\$215,000.00	\$415.00	\$207,500.00
X	12al	24" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$417.50	\$83,500.00	\$521.00	\$104,200.00	\$440.00	\$88,000.00
X	12am	24" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$650.00	\$32,500.00	\$629.00	\$31,450.00	\$465.00	\$23,250.00
X	12an	24" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$757.50	\$22,725.00	\$812.50	\$24,375.00	\$550.00	\$16,500.00
X	12ao	30" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$507.50	\$50,750.00	\$581.00	\$58,100.00	\$450.00	\$45,000.00
X	12ap	30" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$735.00	\$36,750.00	\$702.00	\$35,100.00	\$480.00	\$24,000.00
X	12aq	30" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$777.50	\$15,550.00	\$810.00	\$16,200.00	\$500.00	\$10,000.00
X	12ar	30" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$992.45	\$19,849.00	\$994.00	\$19,880.00	\$625.00	\$12,500.00
X	12as	36" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$586.50	\$58,650.00	\$731.00	\$73,300.00	\$550.00	\$55,000.00
X	12at	36" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$795.80	\$39,790.00	\$882.00	\$44,100.00	\$585.00	\$29,250.00
X	12au	36" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$833.75	\$16,675.00	\$991.50	\$19,830.00	\$750.00	\$15,000.00
X	12av	36" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$1,110.90	\$22,218.00	\$1,174.00	\$23,480.00	\$825.00	\$16,500.00

HDPE (Inclusive of Tax)											
X	13a	4" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$88.75	\$88,750.00	\$78.00	\$78,000.00	\$55.00	\$55,000.00
X	13b	4" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$138.75	\$69,375.00	\$79.00	\$39,500.00	\$75.00	\$37,500.00
X	13c	4" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$297.50	\$29,750.00	\$118.50	\$11,850.00	\$110.00	\$11,000.00
X	13d	4" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$510.00	\$25,500.00	\$162.00	\$8,100.00	\$128.00	\$6,400.00
X	13e	6" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$100.00	\$100,000.00	\$78.00	\$78,000.00	\$60.00	\$60,000.00
X	13f	6" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$148.75	\$74,375.00	\$94.50	\$47,250.00	\$75.00	\$37,500.00
X	13g	6" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$308.75	\$30,875.00	\$133.50	\$13,350.00	\$125.00	\$12,500.00
X	13h	6" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$520.00	\$26,000.00	\$178.00	\$8,900.00	\$135.00	\$6,750.00
X	13i	8" diameter (0' to 5')	1000 LF	\$0.00	\$0.00	\$113.75	\$113,750.00	\$81.00	\$81,000.00	\$70.00	\$70,000.00
X	13j	8" diameter (5.1' to 10')	500 LF	\$0.00	\$0.00	\$162.50	\$81,250.00	\$130.00	\$65,000.00	\$82.00	\$41,000.00
X	13k	8" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$321.25	\$32,125.00	\$154.00	\$15,400.00	\$128.00	\$12,800.00
X	13l	8" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$533.75	\$26,687.50	\$198.00	\$9,900.00	\$140.00	\$7,000.00
X	13m	10" diameter (0' to 5')	200 LF	\$0.00	\$0.00	\$130.00	\$26,000.00	\$81.00	\$16,200.00	\$85.00	\$17,000.00
X	13n	10" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$178.75	\$35,750.00	\$140.50	\$28,100.00	\$93.00	\$18,600.00
X	13o	10" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$338.75	\$16,937.50	\$179.00	\$8,950.00	\$135.00	\$6,750.00
X	13p	10" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$550.00	\$16,500.00	\$223.50	\$6,705.00	\$150.00	\$4,500.00
X	13q	12" diameter (0' to 5')	200 LF	\$0.00	\$0.00	\$151.25	\$30,250.00	\$81.00	\$16,200.00	\$92.00	\$18,400.00
X	13r	12" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$201.25	\$40,250.00	\$172.00	\$34,400.00	\$100.00	\$20,000.00
X	13s	12" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$361.25	\$36,125.00	\$210.00	\$21,000.00	\$145.00	\$14,500.00
X	13t	12" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$572.50	\$28,625.00	\$254.50	\$12,725.00	\$162.00	\$8,100.00
X	13u	16" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$181.50	\$90,750.00	\$108.00	\$54,000.00	\$105.00	\$52,500.00
X	13v	16" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$241.50	\$48,300.00	\$200.00	\$40,000.00	\$110.00	\$22,000.00
X	13w	16" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$433.50	\$43,350.00	\$237.00	\$23,700.00	\$150.00	\$15,000.00
X	13x	16" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$687.00	\$34,350.00	\$281.00	\$14,050.00	\$165.00	\$8,250.00
X	13y	18" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$199.65	\$99,825.00	\$123.00	\$61,500.00	\$112.00	\$56,000.00
X	13z	18" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$265.65	\$53,130.00	\$213.00	\$42,600.00	\$120.00	\$24,000.00
X	13aa	18" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$476.85	\$47,685.00	\$252.00	\$25,200.00	\$165.00	\$16,500.00
X	13ab	18" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$755.70	\$37,785.00	\$300.00	\$15,000.00	\$190.00	\$9,500.00
X	13ac	20" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$219.615	\$109,807.50	\$141.00	\$70,500.00	\$125.00	\$62,500.00
X	13ad	20" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$292.215	\$58,443.00	\$231.00	\$46,200.00	\$135.00	\$27,000.00
X	13ae	20" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$524.535	\$52,453.50	\$270.00	\$27,000.00	\$180.00	\$18,000.00
X	13af	20" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$831.27	\$41,563.50	\$314.00	\$15,700.00	\$201.00	\$10,050.00
X	13ag	24" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$241.5765	\$120,788.25	\$181.00	\$90,500.00	\$145.00	\$72,500.00
X	13ah	24" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$321.4365	\$64,287.30	\$271.00	\$54,200.00	\$160.00	\$32,000.00
X	13ai	24" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$576.9885	\$57,698.85	\$310.00	\$31,000.00	\$200.00	\$20,000.00
X	13aj	24" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$914.397	\$45,719.85	\$354.00	\$17,700.00	\$220.00	\$11,000.00
X	13ak	30" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$265.7341	\$132,867.05	\$251.00	\$125,500.00	\$170.00	\$85,000.00
X	13al	30" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$353.5802	\$70,716.04	\$341.00	\$68,200.00	\$175.00	\$35,000.00
X	13am	30" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$634.6874	\$63,468.74	\$380.00	\$38,000.00	\$215.00	\$21,500.00
X	13an	30" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$1,005.8367	\$50,291.835	\$420.00	\$21,000.00	\$235.00	\$11,750.00
X	13ao	36" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$292.3076	\$146,153.80	\$340.00	\$170,000.00	\$188.00	\$94,000.00
X	13ap	36" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$388.9382	\$77,787.64	\$430.00	\$86,000.00	\$200.00	\$40,000.00
X	13aq	36" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$698.1561	\$69,815.61	\$470.00	\$47,000.00	\$230.00	\$23,000.00
X	13ar	36" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$1,106.4204	\$55,321.02	\$615.00	\$30,750.00	\$250.00	\$12,500.00

DUCTILE IRON FITTINGS											
X	14a	4" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$26,000.00	\$52,000.00
X	14b	6" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$25,000.00	\$50,000.00
X	14c	8" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$24,500.00	\$49,000.00
X	14d	10" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$21,500.00	\$43,000.00
X	14e	12" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$21,000.00	\$42,000.00
X	14f	14" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$18,000.00	\$36,000.00
X	14g	16" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$17,000.00	\$34,000.00
X	14h	18" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$16,500.00	\$33,000.00
X	14i	20" diameter	2 TON	\$0.00	\$0.00	\$30,375.					

X	15a	Furnish and Install 4" HDPE Perchlorinated Pipe Bursting, DR 11	1000 LF	\$0.00	\$0.00	\$115.00	\$115,000.00	\$275.00	\$275,000.00	\$250.00	\$250,000.00
X	15b	Furnish and Install 6" HDPE Perchlorinated Pipe Bursting, DR 11	1000 LF	\$0.00	\$0.00	\$135.00	\$135,000.00	\$302.50	\$302,500.00	\$275.00	\$275,000.00
X	15c	Furnish and Install 8" HDPE Perchlorinated Pipe Bursting, DR 11	1000 LF	\$0.00	\$0.00	\$170.00	\$170,000.00	\$330.00	\$330,000.00	\$300.00	\$300,000.00
X	15d	Furnish and Install 10" HDPE Perchlorinated Pipe Bursting, DR 11	500 LF	\$0.00	\$0.00	\$175.00	\$87,500.00	\$357.50	\$178,750.00	\$310.00	\$155,000.00
X	15e	Furnish and Install 12" HDPE Perchlorinated Pipe Bursting, DR 11	1000 LF	\$0.00	\$0.00	\$185.00	\$185,000.00	\$385.00	\$385,000.00	\$350.00	\$350,000.00
X	15f	Furnish and Install 16" HDPE Perchlorinated Pipe Bursting, DR 11	1000 LF	\$0.00	\$0.00	\$220.00	\$220,000.00	\$440.00	\$440,000.00	\$380.00	\$380,000.00
X	15g	Furnish and Install 20" HDPE Perchlorinated Pipe Bursting, DR 11	1000 LF	\$0.00	\$0.00	\$270.00	\$270,000.00	\$528.00	\$528,000.00	\$450.00	\$450,000.00
X	15h	Furnish and Install 24" HDPE Perchlorinated Pipe Bursting, DR 11	500 LF	\$0.00	\$0.00	\$290.00	\$145,000.00	\$660.00	\$330,000.00	\$500.00	\$250,000.00
X	15i	Furnish and Install 30" HDPE Perchlorinated Pipe Bursting, DR 11	500 LF	\$0.00	\$0.00	\$400.00	\$200,000.00	\$715.00	\$357,500.00	\$625.00	\$312,500.00
JACK AND BORE											
X	16a	Furnish and Install 4" PVC or DI Pipe in 16" OD Steel Casing Pipe by Jack and Bore per city standard detail	500 LF	\$0.00	\$0.00	\$250.00	\$125,000.00	\$664.00	\$332,000.00	\$350.00	\$175,000.00
X	16b	Furnish and Install 6" PVC or DI Pipe in 16" OD Steel Casing Pipe by Jack and Bore per city standard detail	500 LF	\$0.00	\$0.00	\$287.50	\$143,750.00	\$684.00	\$342,000.00	\$400.00	\$200,000.00
X	16c	Furnish and Install 8" PVC or DI Pipe in 18" OD Steel Casing Pipe by Jack and Bore per city standard detail	500 LF	\$0.00	\$0.00	\$300.00	\$150,000.00	\$770.00	\$385,000.00	\$525.00	\$262,500.00
X	16d	Furnish and Install 12" PVC or DI Pipe in 24" OD Steel Casing Pipe by Jack and Bore per city standard detail	750 LF	\$0.00	\$0.00	\$331.25	\$248,437.50	\$990.00	\$742,500.00	\$530.00	\$397,500.00
X	16e	Furnish and Install 16" PVC or DI Pipe in 30" OD Steel Casing Pipe by Jack and Bore per city standard detail	750 LF	\$0.00	\$0.00	\$397.50	\$298,125.00	\$1,270.00	\$952,500.00	\$540.00	\$405,000.00
X	16f	Furnish and Install 20" PVC or DI Pipe in 36" OD Steel Casing Pipe by Jack and Bore per city standard detail	750 LF	\$0.00	\$0.00	\$465.00	\$348,750.00	\$1,611.00	\$1,208,250.00	\$700.00	\$525,000.00
X	16g	Furnish and Install 24" PVC or DI Pipe in 42" OD Steel Casing Pipe by Jack and Bore per city standard detail	500 LF	\$0.00	\$0.00	\$545.00	\$272,500.00	\$2,037.00	\$1,018,500.00	\$800.00	\$400,000.00
X	16h	Furnish and Install 30" PVC or DI Pipe in 48" OD Steel Casing Pipe by Jack and Bore per city standard detail	300 LF	\$0.00	\$0.00	\$652.50	\$195,750.00	\$2,150.00	\$645,000.00	\$875.00	\$262,500.00
X	16i	Furnish and Install 36" PVC or DI Pipe in 54" OD Steel Casing Pipe by Jack and Bore per city standard detail	300 LF	\$0.00	\$0.00	\$750.00	\$225,000.00	\$2,300.00	\$690,000.00	\$900.00	\$270,000.00
X	16j	Furnish and Install 42" PVC or DI Pipe in 60" OD Steel Casing Pipe by Jack and Bore per city standard detail	300 LF	\$0.00	\$0.00	\$875.00	\$262,500.00	\$2,875.00	\$862,500.00	\$1,000.00	\$300,000.00
DIRECTIONAL DR											
X	17a	Furnish and Install 4" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$146.41	\$146,410.00	\$109.00	\$109,000.00	\$115.00	\$115,000.00
X	17b	Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$164.56	\$164,560.00	\$126.50	\$126,500.00	\$125.00	\$125,000.00
X	17c	Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$188.76	\$188,760.00	\$155.00	\$155,000.00	\$145.00	\$145,000.00
X	17d	11 with Transitional Ends with MJ Adapters Furnish and Install 10" HDPE by directional drill, DR 11	500 LF	\$0.00	\$0.00	\$220.22	\$110,110.00	\$178.00	\$89,000.00	\$150.00	\$75,000.00
X	17e	11 with Transitional Ends with MJ Adapters Furnish and Install 16" HDPE by directional drill, DR 11	1000 LF	\$0.00	\$0.00	\$257.73	\$257,730.00	\$252.00	\$252,000.00	\$175.00	\$175,000.00
X	17f	11 with Transitional Ends with MJ Adapters Furnish and Install 20" HDPE by directional drill, DR 11	1000 LF	\$0.00	\$0.00	\$347.27	\$347,270.00	\$409.00	\$409,000.00	\$180.00	\$180,000.00
X	17g	11 with Transitional Ends with MJ Adapters Furnish and Install 24" HDPE by directional drill, DR 11	1000 LF	\$0.00	\$0.00	\$447.70	\$447,700.00	\$750.00	\$750,000.00	\$220.00	\$220,000.00
X	17h	11 with Transitional Ends with MJ Adapters Furnish and Install 30" HDPE by directional drill, DR 11	1000 LF	\$0.00	\$0.00	\$605.00	\$605,000.00	\$821.00	\$821,000.00	\$300.00	\$300,000.00
X	17i	11 with Transitional Ends with MJ Adapters Furnish and Install 36" HDPE by directional drill, DR 11	1000 LF	\$0.00	\$0.00	\$665.50	\$665,500.00	\$859.00	\$859,000.00	\$425.00	\$425,000.00
X	17j	11 with Transitional Ends with MJ Adapters Furnish and Install 4" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$1,000.00	\$1,000,000.00	\$1,030.00	\$1,030,000.00	\$550.00	\$550,000.00
X	17k	Furnish and Install 6" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$160.00	\$160,000.00	\$93.50	\$93,500.00	\$100.00	\$100,000.00
X	17l	Furnish and Install 8" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$160.00	\$160,000.00	\$126.50	\$126,500.00	\$115.00	\$115,000.00
X	17m	Furnish and Install 10" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$192.00	\$192,000.00	\$155.00	\$155,000.00	\$145.00	\$145,000.00
X	17n	Furnish and Install 12" Restrained PVC by directional drill, DR 18 with Transitional Ends	500 LF	\$0.00	\$0.00	\$224.00	\$112,000.00	\$178.00	\$89,000.00	\$165.00	\$82,500.00
X	17o	Furnish and Install 16" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$272.00	\$272,000.00	\$252.00	\$252,000.00	\$190.00	\$190,000.00
X	17p	Furnish and Install 20" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$480.00	\$480,000.00	\$409.00	\$409,000.00	\$210.00	\$210,000.00
X	17q	Furnish and Install 24" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$640.00	\$640,000.00	\$749.00	\$749,000.00	\$265.00	\$265,000.00
X	17r	Furnish and Install 30" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$800.00	\$800,000.00	\$1,004.00	\$1,004,000.00	\$310.00	\$310,000.00
X	17s	Furnish and Install 36" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000 LF	\$0.00	\$0.00	\$960.00	\$960,000.00	\$1,017.00	\$1,017,000.00	\$460.00	\$460,000.00
X	17t	Furnish and Install 4" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$1,280.00	\$1,280,000.00	\$1,030.00	\$1,030,000.00	\$625.00	\$625,000.00
SLIPLINE HDPE TI											
X	18a	Furnish and Install 4" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$80.00	\$80,000.00	\$99.00	\$99,000.00	\$100.00	\$100,000.00

X	18b	Furnish and Install 6" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$90.00	\$90,000.00	\$110.00	\$110,000.00	\$115.00	\$115,000.00
X	18c	Furnish and Install 8" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$100.00	\$100,000.00	\$121.00	\$121,000.00	\$125.00	\$125,000.00
X	18d	Furnish and Install 10" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$110.00	\$110,000.00	\$132.00	\$132,000.00	\$130.00	\$130,000.00
X	18e	Furnish and Install 12" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$120.00	\$120,000.00	\$143.00	\$143,000.00	\$140.00	\$140,000.00
X	18f	Furnish and Install 16" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$140.00	\$140,000.00	\$176.00	\$176,000.00	\$170.00	\$170,000.00
X	18g	Furnish and Install 20" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$165.00	\$165,000.00	\$203.50	\$203,500.00	\$195.00	\$195,000.00
X	18h	Furnish and Install 24" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	500 LF	\$0.00	\$0.00	\$310.00	\$155,000.00	\$385.00	\$192,500.00	\$350.00	\$175,000.00
X	18i	Furnish and Install 30" HDPE by slipline, DR 11 with Transitional Ends with MJ Adapters	500 LF	\$0.00	\$0.00	\$405.00	\$202,500.00	\$467.50	\$233,750.00	\$425.00	\$212,500.00
TEMPORARY WA											
X	19a	2" Temporary HDPE Water Main (Including Tap Connections to Existing Main)	2500 LF	\$0.00	\$0.00	\$41.00	\$102,500.00	\$28.00	\$70,000.00	\$15.00	\$37,500.00
X	19b	4" Temporary HDPE Water Main (Including Tap Connections to Existing Main)	2500 LF	\$0.00	\$0.00	\$46.00	\$115,000.00	\$38.00	\$95,000.00	\$16.00	\$40,000.00
X	19c	6" Temporary HDPE Water Main (Including Tap Connections to Existing Main)	1000 LF	\$0.00	\$0.00	\$56.00	\$56,000.00	\$45.00	\$45,000.00	\$18.00	\$18,000.00
APPURTENANCE											
X	20a	4"	100 EA	\$0.00	\$0.00	\$2,062.50	\$206,250.00	\$4,127.00	\$412,700.00	\$2,000.00	\$200,000.00
X	20b	6"	100 EA	\$0.00	\$0.00	\$2,431.25	\$243,125.00	\$5,084.00	\$508,400.00	\$2,300.00	\$230,000.00
X	20c	8"	50 EA	\$0.00	\$0.00	\$3,431.25	\$171,562.50	\$6,640.00	\$332,000.00	\$3,130.00	\$156,500.00
X	20d	10"	10 EA	\$0.00	\$0.00	\$4,928.75	\$49,287.50	\$9,192.00	\$91,920.00	\$4,000.00	\$40,000.00
X	20e	12"	30 EA	\$0.00	\$0.00	\$6,003.75	\$180,112.50	\$11,161.00	\$348,480.00	\$6,000.00	\$180,000.00
X	20f	14"	10 EA	\$0.00	\$0.00	\$14,838.75	\$148,387.50	\$16,455.00	\$164,550.00	\$12,000.00	\$120,000.00
X	20g	16"	10 EA	\$0.00	\$0.00	\$24,536.00	\$245,360.00	\$23,955.00	\$239,550.00	\$12,500.00	\$125,000.00
X	20h	18"	10 EA	\$0.00	\$0.00	\$29,425.00	\$294,250.00	\$26,195.00	\$261,950.00	\$20,000.00	\$200,000.00
X	20i	20"	5 EA	\$0.00	\$0.00	\$30,913.75	\$154,568.75	\$36,020.00	\$180,100.00	\$21,000.00	\$105,000.00
X	20j	24"	5 EA	\$0.00	\$0.00	\$40,678.75	\$203,393.75	\$71,215.00	\$356,075.00	\$28,000.00	\$140,000.00
X	20k	30"	5 EA	\$0.00	\$0.00	\$88,875.00	\$444,375.00	\$129,240.00	\$646,200.00	\$60,000.00	\$300,000.00
X	20l	36"	5 EA	\$0.00	\$0.00	\$95,595.00	\$477,975.00	\$198,550.00	\$992,750.00	\$85,000.00	\$425,000.00
BUTTERFLY VALV											
X	21a	12"	5 EA	\$0.00	\$0.00	\$21,000.00	\$105,000.00	\$5,212.00	\$26,060.00	\$4,500.00	\$22,500.00
X	21b	16"	5 EA	\$0.00	\$0.00	\$29,000.00	\$145,000.00	\$8,366.00	\$41,830.00	\$8,800.00	\$44,000.00
X	21c	18"	5 EA	\$0.00	\$0.00	\$33,000.00	\$165,000.00	\$10,140.50	\$50,702.50	\$10,000.00	\$50,000.00
X	21d	20"	5 EA	\$0.00	\$0.00	\$35,000.00	\$175,000.00	\$11,392.50	\$56,962.50	\$11,500.00	\$57,500.00
X	21e	24"	5 EA	\$0.00	\$0.00	\$63,000.00	\$315,000.00	\$16,716.50	\$83,582.50	\$16,000.00	\$80,000.00
X	21f	30"	5 EA	\$0.00	\$0.00	\$110,000.00	\$550,000.00	\$49,215.00	\$246,075.00	\$40,000.00	\$200,000.00
SERVICE SADDLE											
X	22a	3/4"	300 EA	\$0.00	\$0.00	\$1,430.65	\$429,195.00	\$373.00	\$111,900.00	\$750.00	\$225,000.00
X	22b	1"	300 EA	\$0.00	\$0.00	\$1,460.10	\$438,030.00	\$395.00	\$118,500.00	\$825.00	\$247,500.00
X	22c	1.5"	300 EA	\$0.00	\$0.00	\$1,472.50	\$441,750.00	\$420.00	\$126,000.00	\$975.00	\$292,500.00
X	22d	2"	100 EA	\$0.00	\$0.00	\$1,474.05	\$147,405.00	\$450.00	\$45,000.00	\$1,000.00	\$100,000.00
X	22e	4"	10 EA	\$0.00	\$0.00	\$1,602.70	\$16,027.00	\$500.00	\$5,000.00	\$1,025.00	\$10,250.00
X	22f	6"	10 EA	\$0.00	\$0.00	\$1,618.20	\$16,182.00	\$525.00	\$5,250.00	\$1,100.00	\$11,000.00
X	22g	8"	10 EA	\$0.00	\$0.00	\$1,658.50	\$16,585.00	\$600.00	\$6,000.00	\$1,150.00	\$11,500.00
X	22h	10"	10 EA	\$0.00	\$0.00	\$1,712.75	\$17,127.50	\$625.00	\$6,250.00	\$1,165.00	\$11,650.00
X	22i	12"	10 EA	\$0.00	\$0.00	\$1,805.75	\$18,057.50	\$650.00	\$6,500.00	\$1,185.00	\$11,850.00
X	22j	14"	10 EA	\$0.00	\$0.00	\$1,842.95	\$18,429.50	\$650.00	\$6,500.00	\$1,190.00	\$11,900.00
X	22k	16"	10 EA	\$0.00	\$0.00	\$1,923.00	\$19,230.00	\$700.00	\$7,000.00	\$1,200.00	\$12,000.00
X	22l	18"	10 EA	\$0.00	\$0.00	\$1,973.15	\$19,731.50	\$750.00	\$7,500.00	\$1,210.00	\$12,100.00
X	22m	20"	10 EA	\$0.00	\$0.00	\$2,114.20	\$21,142.00	\$900.00	\$9,000.00	\$1,220.00	\$12,200.00
TAPPING SLEEVE											
X	23a	4"	25 EA	\$0.00	\$0.00	\$5,194.00	\$129,850.00	\$5,916.00	\$147,900.00	\$6,000.00	\$150,000.00
X	23b	6"	25 EA	\$0.00	\$0.00	\$6,116.60	\$152,915.00	\$7,080.00	\$177,000.00	\$6,800.00	\$170,000.00
X	23c	8"	25 EA	\$0.00	\$0.00	\$7,758.80	\$193,970.00	\$8,736.00	\$218,400.00	\$7,500.00	\$187,500.00
X	23d	10"	10 EA	\$0.00	\$0.00	\$11,520.60	\$115,206.00	\$12,000.00	\$120,000.00	\$8,000.00	\$80,000.00
X	23e	12"	10 EA	\$0.00	\$0.00	\$14,379.40	\$143,794.00	\$12,240.00	\$122,400.00	\$12,500.00	\$125,000.00
X	23f	14"	3 EA	\$0.00	\$0.00	\$15,804.00	\$47,412.00	\$12,500.00	\$37,500.00	\$16,000.00	\$48,000.00
X	23g	16"	3 EA	\$0.00	\$0.00	\$16,950.00	\$50,850.00	\$13,500.00	\$40,500.00	\$17,000.00	\$51,000.00
X	23h	18"	3 EA	\$0.00	\$0.00	\$18,196.50	\$54,589.50	\$16,500.00	\$49,500.00	\$24,000.00	\$72,000.00
X	23i	20"	3 EA	\$0.00	\$0.00	\$18,671.58	\$56,014.74	\$17,500.00	\$52,500.00	\$32,000.00	\$96,000.00
X	23j	24"	3 EA	\$0.00	\$0.00	\$21,383.10	\$64,149.30	\$21,500.00	\$64,500.00	\$41,000.00	\$123,000.00
X	23k	30"	3 EA	\$0.00	\$0.00	\$22,080.00	\$56,240.00	\$25,000.00	\$75,000.00	\$68,000.00	\$204,000.00
X	23l	36"	3 EA	\$0.00	\$0.00	\$37,225.50	\$111,676.50	\$32,000.00	\$96,000.00	\$95,000.00	\$285,000.00
INSERT GATE VA											
X	24a	4"	50 EA	\$0.00	\$0.00	\$4,042.50	\$202,125.00	\$17,000.00	\$850,000.00	\$26,000.00	\$1,300,000.00
X	24b	6"	50 EA	\$0.00	\$0.00	\$5,348.75	\$267,437.50	\$18,500.00	\$925,000.00	\$27,000.00	\$1,350,000.00
X	24c	8"	30 EA	\$0.00	\$0.00	\$6,725.25	\$201,757.50	\$20,200.00	\$606,000.00	\$35,000.00	\$1,050,000.00
X	24d	10"	10 EA	\$0.00	\$0.00	\$9,660.35	\$96,603.50	\$33,000.00	\$330,000.00	\$36,500.00	\$365,000.00
X	24e	12"	20 EA	\$0.00	\$0.00	\$11,767.35	\$235,347.00	\$37,350.00	\$747,000.00	\$46,000.00	\$920,000.00
LINE STOPS											
X	25a	2"	10 EA	\$0.00	\$0.00	\$8,500.00	\$85,000.00	\$4,922.00	\$49,220.00	\$4,000.00	\$40,000.00
X	25b	4"	10 EA	\$0.00	\$0.00	\$9,500.00	\$95,000.00	\$7,461.00	\$74,610.00	\$10,000.00	\$100,000.00
X	25c	6"	10 EA	\$0.00	\$0.00	\$10,050.00	\$100,500.00	\$8,588.00	\$85,880.00	\$11,000.00	\$110,000.00
X	25d	8"	10 EA	\$0.00	\$0.00	\$11,500.00	\$115,000.00	\$12,228.00	\$122,280.00	\$14,500.00	\$145,000.00
X	25e	10"	10 EA	\$0.00	\$0.00	\$15,000.00	\$155,000.00	\$13,729.00	\$137,290.00	\$14,900.00	\$149,000.00
X	25f	12"	15 EA	\$0.00	\$0.00	\$16,500.00	\$247,500.00	\$15,071.00	\$226,065.00	\$18,000.00	\$270,000.00
X	25g	14"	15 EA	\$0.00	\$0.00	\$18,500.00	\$277,500.00	\$20,459.00	\$306,885.00	\$18,500.00	\$277,500.00

X	25h	16"	15 EA	\$0.00	\$0.00	\$20,500.00	\$307,500.00	\$22,136.00	\$332,040.00	\$22,000.00	\$330,000.00
X	25i	18"	15 EA	\$0.00	\$0.00	\$25,500.00	\$382,500.00	\$24,374.00	\$365,610.00	\$23,000.00	\$345,000.00
X	25j	20"	10 EA	\$0.00	\$0.00	\$28,900.00	\$289,000.00	\$27,505.00	\$275,050.00	\$26,000.00	\$260,000.00
X	25k	24"	3 EA	\$0.00	\$0.00	\$35,000.00	\$105,000.00	\$47,700.00	\$143,100.00	\$32,000.00	\$96,000.00
X	25l	30"	3 EA	\$0.00	\$0.00	\$42,000.00	\$126,000.00	\$75,225.00	\$225,675.00	\$41,000.00	\$123,000.00
X	25m	36"	3 EA	\$0.00	\$0.00	\$48,000.00	\$144,000.00	\$92,950.00	\$278,850.00	\$48,000.00	\$144,000.00
REPAIR CLAMP											
X	26a	2"	15 EA	\$0.00	\$0.00	\$1,350.00	\$20,250.00	\$1,500.00	\$22,500.00	\$200.00	\$3,000.00
X	26b	4"	15 EA	\$0.00	\$0.00	\$1,398.72	\$20,980.80	\$1,800.00	\$27,000.00	\$315.00	\$4,725.00
X	26c	6"	15 EA	\$0.00	\$0.00	\$1,522.80	\$22,842.00	\$2,100.00	\$31,500.00	\$360.00	\$5,400.00
X	26d	8"	15 EA	\$0.00	\$0.00	\$1,942.98	\$29,144.70	\$2,520.00	\$37,800.00	\$415.00	\$6,225.00
X	26e	10"	15 EA	\$0.00	\$0.00	\$2,679.00	\$40,185.00	\$3,540.00	\$53,100.00	\$550.00	\$8,250.00
X	26f	12"	15 EA	\$0.00	\$0.00	\$3,231.72	\$48,475.80	\$4,095.00	\$61,425.00	\$600.00	\$9,000.00
X	26g	14"	5 EA	\$0.00	\$0.00	\$3,492.57	\$17,462.85	\$4,550.00	\$22,750.00	\$1,450.00	\$7,250.00
X	26h	16"	5 EA	\$0.00	\$0.00	\$3,650.00	\$18,250.00	\$5,750.00	\$28,750.00	\$1,000.00	\$5,000.00
X	26i	18"	5 EA	\$0.00	\$0.00	\$3,730.86	\$18,654.30	\$6,050.00	\$30,250.00	\$1,600.00	\$8,000.00
X	26j	20"	5 EA	\$0.00	\$0.00	\$3,983.25	\$19,916.25	\$6,300.00	\$31,500.00	\$3,000.00	\$15,000.00
X	26k	24"	5 EA	\$0.00	\$0.00	\$4,301.91	\$21,509.55	\$9,280.00	\$46,400.00	\$4,000.00	\$20,000.00
X	26l	30"	5 EA	\$0.00	\$0.00	\$4,575.45	\$22,877.25	\$9,552.00	\$47,760.00	\$4,000.00	\$20,000.00
X	26m	36"	5 EA	\$0.00	\$0.00	\$4,966.02	\$24,830.10	\$11,820.00	\$59,100.00	\$5,000.00	\$25,000.00
RESTRAINED JOINT											
X	27a	2" Restrained Joint	50 EA	\$0.00	\$0.00	\$164.40	\$8,220.00	\$357.00	\$17,850.00	\$300.00	\$15,000.00
X	27b	4" Restrained Joint	100 EA	\$0.00	\$0.00	\$212.35	\$21,235.00	\$395.00	\$39,500.00	\$310.00	\$31,000.00
X	27c	6" Restrained Joint	100 EA	\$0.00	\$0.00	\$360.31	\$36,031.00	\$437.00	\$43,700.00	\$325.00	\$32,500.00
X	27d	8" Restrained Joint	100 EA	\$0.00	\$0.00	\$548.00	\$54,800.00	\$550.00	\$55,000.00	\$450.00	\$45,000.00
X	27e	10" Restrained Joint	100 EA	\$0.00	\$0.00	\$763.09	\$76,309.00	\$955.50	\$95,550.00	\$480.00	\$48,000.00
X	27f	12" Restrained Joint	100 EA	\$0.00	\$0.00	\$899.08	\$89,908.00	\$1,005.00	\$100,500.00	\$490.00	\$49,000.00
X	27g	16" Restrained Joint	50 EA	\$0.00	\$0.00	\$2,986.60	\$149,330.00	\$3,085.00	\$154,250.00	\$1,500.00	\$75,000.00
X	27h	18" Restrained Joint	50 EA	\$0.00	\$0.00	\$3,096.20	\$154,810.00	\$3,470.00	\$173,500.00	\$1,600.00	\$80,000.00
X	27i	20" Restrained Joint	20 EA	\$0.00	\$0.00	\$3,963.41	\$79,268.20	\$4,970.00	\$99,400.00	\$1,600.00	\$32,000.00
X	27j	24" Restrained Joint	20 EA	\$0.00	\$0.00	\$3,729.45	\$74,589.00	\$5,920.00	\$118,400.00	\$1,800.00	\$36,000.00
X	27k	30" Restrained Joint	20 EA	\$0.00	\$0.00	\$4,712.00	\$94,240.00	\$8,200.00	\$164,000.00	\$3,800.00	\$76,000.00
FIRE HYDRANT A											
X	28a	Remove and Replace Fire Hydrant Assembly With Valve (5-1/4")	60 EA	\$0.00	\$0.00	\$10,900.00	\$654,000.00	\$10,800.00	\$648,000.00	\$11,000.00	\$660,000.00
X	28b	Remove and Replace Fire Hydrant Assembly Without Valve (5-1/4")	20 EA	\$0.00	\$0.00	\$8,500.00	\$170,000.00	\$10,800.00	\$216,000.00	\$9,500.00	\$190,000.00
X	28c	Install New Fire Hydrant Assembly With Valve (5-1/4")	10 EA	\$0.00	\$0.00	\$10,100.00	\$101,000.00	\$11,680.00	\$116,800.00	\$10,500.00	\$105,000.00
X	28d	Remove Existing Fire Hydrant Only	10 EA	\$0.00	\$0.00	\$1,200.00	\$12,000.00	\$1,250.00	\$12,500.00	\$1,400.00	\$14,000.00
SERVICE CONNEC											
X	29a	Furnish and Install 5/8" Service Connection (corp to meter including meter box) and 2" PVC Casing	150 EA	\$0.00	\$0.00	\$2,600.00	\$390,000.00	\$1,740.00	\$261,000.00	\$2,500.00	\$375,000.00
X	29b	Furnish and Install 3/4" Service Connection (corp to meter including meter box) and 2" PVC Casing	500 EA	\$0.00	\$0.00	\$2,912.50	\$1,456,250.00	\$1,840.00	\$920,000.00	\$3,000.00	\$1,500,000.00
X	29c	Furnish and Install 1" Service Connection (corp to meter including meter box) and 2" PVC Casing	500 EA	\$0.00	\$0.00	\$4,035.00	\$2,017,500.00	\$2,100.00	\$1,050,000.00	\$3,200.00	\$1,600,000.00
X	29d	Furnish and Install 1-1/2" Service Connection (including brass ball valve to meter including meter box) and 3" PVC Casing	75 EA	\$0.00	\$0.00	\$4,808.75	\$360,656.25	\$3,050.00	\$228,750.00	\$3,700.00	\$277,500.00
X	29e	PVC Casing	50 EA	\$0.00	\$0.00	\$5,382.50	\$269,125.00	\$3,750.00	\$187,500.00	\$4,500.00	\$225,000.00
OTHER ITEMS											
X	30a	Bollard	30 EA	\$0.00	\$0.00	\$1,255.00	\$37,650.00	\$700.00	\$21,000.00	\$450.00	\$13,500.00
X	30b	ARV Assembly (Inclusive of fittings and enclosure)	10 EA	\$0.00	\$0.00	\$9,931.25	\$99,312.50	\$10,900.00	\$109,000.00	\$10,000.00	\$100,000.00
X	30c	ARV Only	10 EA	\$0.00	\$0.00	\$4,115.00	\$41,150.00	\$6,625.00	\$66,250.00	\$3,250.00	\$32,500.00
X	30d	Temporary Blowoff Assembly	10 EA	\$0.00	\$0.00	\$1,800.00	\$18,000.00	\$4,000.00	\$40,000.00	\$2,000.00	\$20,000.00
X	30e	4" Blowoff Assembly	10 EA	\$0.00	\$0.00	\$2,600.00	\$26,000.00	\$5,000.00	\$50,000.00	\$2,300.00	\$23,000.00
X	30f	Pipe Exterior Coating	100 SF	\$0.00	\$0.00	\$47.50	\$4,750.00	\$140.50	\$14,050.00	\$65.00	\$6,500.00
WATER MAIN DI											
X	31a	Cleaning and Disinfection of 2" to 6" Potable Water Main	7000 LF	\$0.00	\$0.00	\$19.00	\$133,000.00	\$18.00	\$126,000.00	\$23.00	\$161,000.00
X	31b	Cleaning and Disinfection of 8" to 12" Potable Water Main	5000 LF	\$0.00	\$0.00	\$21.00	\$105,000.00	\$18.00	\$90,000.00	\$25.00	\$125,000.00
X	31c	Cleaning and Disinfection of 14" to 20" Potable Water Main	5000 LF	\$0.00	\$0.00	\$24.00	\$120,000.00	\$18.00	\$90,000.00	\$25.50	\$127,500.00
X	31d	Cleaning and Disinfection of 24" to 36" Potable Water Main	5000 LF	\$0.00	\$0.00	\$28.00	\$140,000.00	\$30.00	\$150,000.00	\$26.00	\$130,000.00
X	31e	Cleaning and Disinfection of 2" to 6" Reclaimed Water Main	5000 LF	\$0.00	\$0.00	\$19.00	\$95,000.00	\$20.50	\$102,500.00	\$23.00	\$115,000.00
X	31f	Cleaning and Disinfection of 8" to 12" Reclaimed Water Main	5000 LF	\$0.00	\$0.00	\$21.00	\$105,000.00	\$18.00	\$90,000.00	\$25.00	\$125,000.00
X	31g	Cleaning and Disinfection of 14" to 20" Reclaimed Water Main	2000 LF	\$0.00	\$0.00	\$24.00	\$48,000.00	\$18.00	\$36,000.00	\$25.50	\$51,000.00
X	31h	Cleaning and Disinfection of 24" to 36" Reclaimed Water Main	2000 LF	\$0.00	\$0.00	\$28.00	\$56,000.00	\$36.00	\$72,000.00	\$26.00	\$52,000.00
GRAVITY SANITA											
PVC GRAVITY MA											
X	32a	6" diameter	500 LF	\$0.00	\$0.00	\$301.92	\$150,960.00	\$245.00	\$122,500.00	\$225.00	\$112,500.00
X	32b	8" diameter	500 LF	\$0.00	\$0.00	\$318.20	\$159,100.00	\$252.00	\$126,000.00	\$250.00	\$125,000.00
X	32c	10" diameter	500 LF	\$0.00	\$0.00	\$337.44	\$168,720.00	\$274.00	\$137,000.00	\$260.00	\$130,000.00
X	32d	12" diameter	500 LF	\$0.00	\$0.00	\$362.60	\$181,300.00	\$292.00	\$146,000.00	\$270.00	\$135,000.00
X	32e	14" diameter	100 LF	\$0.00	\$0.00	\$564.47	\$56,447.00	\$450.00	\$45,000.00	\$340.00	\$34,000.00

X	32f	16" diameter	100 LF	\$0.00	\$0.00	\$569.80	\$56,980.00	\$460.00	\$46,000.00	\$375.00	\$37,500.00
X	32g	18" diameter	100 LF	\$0.00	\$0.00	\$664.52	\$66,452.00	\$542.00	\$54,200.00	\$425.00	\$42,500.00
X	32h	20" diameter	100 LF	\$0.00	\$0.00	\$778.48	\$77,848.00	\$630.00	\$63,000.00	\$500.00	\$50,000.00
X	32i	24" diameter	100 LF	\$0.00	\$0.00	\$851.00	\$85,100.00	\$690.00	\$69,000.00	\$600.00	\$60,000.00
WASTEWATER N											
X	33a	Manhole - 4 feet Diameter	200 VF	\$0.00	\$0.00	\$2,092.20	\$418,440.00	\$1,000.00	\$200,000.00	\$1,200.00	\$240,000.00
X	33b	Manhole - 5 feet Diameter	100 VF	\$0.00	\$0.00	\$2,602.05	\$260,205.00	\$1,300.00	\$130,000.00	\$1,600.00	\$160,000.00
X	33c	Manhole - 6 feet Diameter	100 VF	\$0.00	\$0.00	\$2,899.05	\$289,905.00	\$1,500.00	\$150,000.00	\$1,900.00	\$190,000.00
X	33d	Adjust Existing Manhole Frame and Cover (paved areas)	10 EA	\$0.00	\$0.00	\$4,405.50	\$44,055.00	\$525.00	\$5,250.00	\$1,000.00	\$10,000.00
X	33e	Adjust Existing Manhole Frame and Cover (unpaved areas)	10 EA	\$0.00	\$0.00	\$3,385.80	\$33,858.00	\$425.00	\$4,250.00	\$800.00	\$8,000.00
X	33f	Replace Existing Manhole Frame and Cover (paved areas)	10 EA	\$0.00	\$0.00	\$5,049.00	\$50,490.00	\$1,500.00	\$15,000.00	\$1,800.00	\$18,000.00
X	33g	Replace Existing Manhole Frame and Cover (unpaved areas)	10 EA	\$0.00	\$0.00	\$4,029.30	\$40,293.00	\$1,500.00	\$15,000.00	\$1,215.00	\$12,150.00
WASTEWATER S											
X	34a	Install/Repair/Replace 4" Sanitary Sewer Lateral	10 EA	\$0.00	\$0.00	\$4,250.00	\$42,500.00	\$960.00	\$9,600.00	\$2,000.00	\$20,000.00
X	34b	Install/Repair/Replace 6" Sanitary Sewer Lateral	10 EA	\$0.00	\$0.00	\$4,550.00	\$45,500.00	\$1,800.00	\$18,000.00	\$2,400.00	\$24,000.00
		Total			\$0.00		\$48,187,551.075			\$55,087,037.50	\$44,050,200.00

OWNER'S CONTINGENCY	Applied Drilling Engineer	Murphy Pipeline Contractor	Rowland DE LLC	TLC Diversified, Inc.			
Selected	Line Item	Description	Unit of Measure	Unit Cost	Unit Cost	Unit Cost	Unit Cost
GROUP A: Water and RCW Point Repair 10%							
X	35	Contingency	LS	\$0.00	\$4,818,755.1075	\$5,508,703.75	\$4,405,020.00
		Total		\$0.00	\$4,818,755.1075	\$5,508,703.75	\$4,405,020.00

25-0027-UT Water, Reclaimed Water and Well Repair & Improvements (GROUP B - Water and RCW Trenchless Pipe Installation) Applied Drilling Engineering, Inc.							Murphy Pipeline Contractors		Rowland DE LLC.		TLC Diversified, Inc.	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
		GENERAL - GROL										
		*Mobilization sh										
		*Emergency Mobilization/Demobilization & General										
X	1	Conditions and Traffic Control1 (max \$5,000)	25 EA		\$0.00	\$0.00	\$5,000.00	\$125,000.00	\$0.00	\$0.00	\$4,000.00	\$100,000.00
X	2	Non-Emergency Mobilization/Demobilization &										
X	2	General Conditions and Traffic Control1 (max	50 EA		\$0.00	\$0.00	\$4,000.00	\$200,000.00	\$0.00	\$0.00	\$4,000.00	\$200,000.00
		MAINTENANCE C										
		Bid Items 3a to 3										
X	3a	FDOT Index 601 - Work Beyond the Shoulder	180 EA/DAY		\$0.00	\$0.00	\$1,000.00	\$180,000.00	\$0.00	\$0.00	\$1,500.00	\$270,000.00
X	3b	FDOT Index 602 - Work on Shoulder	180 EA/DAY		\$0.00	\$0.00	\$1,500.00	\$270,000.00	\$0.00	\$0.00	\$1,500.00	\$270,000.00
X	3c	FDOT Index 603 - Two Lane Two Way Work within Travel way	60 EA/DAY		\$0.00	\$0.00	\$1,650.00	\$99,000.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
X	3d	FDOT Index 604 - Two Lane Two Way - Intersection	60 EA/DAY		\$0.00	\$0.00	\$1,650.00	\$99,000.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
X	3e	FDOT Index 613 - Multilane Roadway - Lane Closures	60 EA/DAY		\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
X	3f	FDOT Index 615 - Multilane Roadway - Intersection	60 EA/DAY		\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
X	3g	FDOT Index 620 - Multilane Roadway - Temporary Diversion	60 EA/DAY		\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
X	3h	FDOT Index 625 - Temporary Road Closure	60 EA/DAY		\$0.00	\$0.00	\$2,062.50	\$123,750.00	\$0.00	\$0.00	\$800.00	\$48,000.00
X	3i	FDOT Index 628 - Two Way Left Turn Lanes	60 EA/DAY		\$0.00	\$0.00	\$2,062.50	\$123,750.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
X	3j	Flagman	200 HOUR		\$0.00	\$0.00	\$72.00	\$14,400.00	\$0.00	\$0.00	\$65.00	\$13,000.00
X	3k	Arrow Board - 5' Minimum Horizontal Size	30 EA/DAY		\$0.00	\$0.00	\$48.00	\$1,440.00	\$0.00	\$0.00	\$65.00	\$1,950.00
X	3l	Variable Message Board	30 EA/DAY		\$0.00	\$0.00	\$84.00	\$2,520.00	\$0.00	\$0.00	\$75.00	\$2,250.00
X	3m	Concrete Barrier (FDOT Index No. 415)	60 EA/DAY		\$0.00	\$0.00	\$550.00	\$33,000.00	\$0.00	\$0.00	\$25.00	\$1,500.00
X	3n	Low Profile Barrier (FDOT Index No. 412)	60 EA/DAY		\$0.00	\$0.00	\$650.00	\$39,000.00	\$0.00	\$0.00	\$20.00	\$1,200.00
X	3o	Sign in Work Zone	100 EA/DAY		\$0.00	\$0.00	\$2.00	\$200.00	\$0.00	\$0.00	\$2.00	\$200.00
X	3p	FDOT Cone	100 EA/DAY		\$0.00	\$0.00	\$1.10	\$110.00	\$0.00	\$0.00	\$2.00	\$200.00
X	3q	FDOT Channelizing Drum	100 EA/DAY		\$0.00	\$0.00	\$1.75	\$175.00	\$0.00	\$0.00	\$2.00	\$200.00
X	3r	Barricade, Type III with Warning Light	100 EA/DAY		\$0.00	\$0.00	\$1.15	\$115.00	\$0.00	\$0.00	\$6.00	\$600.00
X	3s	Barricade, Type I or II with Warning Light	100 EA/DAY		\$0.00	\$0.00	\$1.10	\$110.00	\$0.00	\$0.00	\$7.00	\$700.00
		LABOR AND EQUIPMENT										
		Bid Items 4a-1 an										
		LABOR HOUR										
X	4a	Foreman regular time	1500 HOUR		\$0.00	\$0.00	\$115.00	\$172,500.00	\$0.00	\$0.00	\$100.00	\$150,000.00
X	4b	Foreman overtime	200 HOUR		\$0.00	\$0.00	\$172.50	\$34,500.00	\$0.00	\$0.00	\$150.00	\$30,000.00
X	4c	Operator regular time	2000 HOUR		\$0.00	\$0.00	\$64.90	\$129,800.00	\$0.00	\$0.00	\$65.00	\$130,000.00
X	4d	Operator overtime	200 HOUR		\$0.00	\$0.00	\$96.80	\$19,360.00	\$0.00	\$0.00	\$88.00	\$17,600.00
X	4e	Truck Driver regular time	1000 HOUR		\$0.00	\$0.00	\$67.85	\$67,850.00	\$0.00	\$0.00	\$65.00	\$65,000.00
X	4f	Truck Driver overtime	50 HOUR		\$0.00	\$0.00	\$101.20	\$5,060.00	\$0.00	\$0.00	\$88.00	\$4,400.00
X	4g	Pipe Layer regular time	2000 HOUR		\$0.00	\$0.00	\$61.95	\$123,900.00	\$0.00	\$0.00	\$65.00	\$130,000.00
X	4h	Pipe Layer overtime	200 HOUR		\$0.00	\$0.00	\$92.40	\$18,480.00	\$0.00	\$0.00	\$88.00	\$17,600.00
X	4i	Laborer regular time	2000 HOUR		\$0.00	\$0.00	\$55.65	\$111,300.00	\$0.00	\$0.00	\$60.00	\$120,000.00
X	4j	Laborer overtime	2000 HOUR		\$0.00	\$0.00	\$84.00	\$168,000.00	\$0.00	\$0.00	\$82.00	\$164,000.00
X	4k	Preconstruction Video	30 DAY		\$0.00	\$0.00	\$85.00	\$2,550.00	\$0.00	\$0.00	\$85.00	\$25,500.00
X	4l	Asbuilt Survey	80 DAY		\$0.00	\$0.00	\$275.00	\$22,000.00	\$0.00	\$0.00	\$2,200.00	\$176,000.00
		EQUIPMENT										
X	5a	Foreman's pickup truck with hand tools	1500 HOUR		\$0.00	\$0.00	\$33.75	\$50,625.00	\$0.00	\$0.00	\$50.00	\$75,000.00
X	5b	Job truck with tools	1500 HOUR		\$0.00	\$0.00	\$35.125	\$52,687.50	\$0.00	\$0.00	\$60.00	\$90,000.00
X	5c	Tractor & Trailer (Transport)	200 HOUR		\$0.00	\$0.00	\$125.00	\$25,000.00	\$0.00	\$0.00	\$55.00	\$11,000.00
X	5d	Track Hoe (to 100 HP)	1100 HOUR		\$0.00	\$0.00	\$87.50	\$96,250.00	\$0.00	\$0.00	\$115.00	\$126,500.00
X	5e	Track Hoe (101 HP to 170 HP)	500 HOUR		\$0.00	\$0.00	\$143.75	\$71,875.00	\$0.00	\$0.00	\$120.00	\$60,000.00
X	5f	Track Hoe (171 HP and up)	750 HOUR		\$0.00	\$0.00	\$218.75	\$164,062.50	\$0.00	\$0.00	\$130.00	\$97,500.00
X	5g	Rubber Tired Backhoe	25 HOUR		\$0.00	\$0.00	\$25.00	\$625.00	\$0.00	\$0.00	\$70.00	\$1,750.00
X	5h	Wheel Loader (to 150 HP)	2000 HOUR		\$0.00	\$0.00	\$35.00	\$70,000.00	\$0.00	\$0.00	\$75.00	\$150,000.00
X	5i	Wheel Loader (151 HP and up)	250 HOUR		\$0.00	\$0.00	\$47.00	\$11,750.00	\$0.00	\$0.00	\$95.00	\$23,750.00
X	5j	Track Type Tractors (to 100 HP)	150 HOUR		\$0.00	\$0.00	\$30.00	\$4,500.00	\$0.00	\$0.00	\$62.00	\$9,300.00
X	5k	Track Type Tractors (101 HP and up)	25 HOUR		\$0.00	\$0.00	\$33.00	\$825.00	\$0.00	\$0.00	\$70.00	\$1,750.00
X	5l	Dump Truck (Tandem Axle)	750 HOUR		\$0.00	\$0.00	\$95.00	\$71,250.00	\$0.00	\$0.00	\$90.00	\$67,500.00
X	5m	Plate Tamp	250 HOUR		\$0.00	\$0.00	\$15.00	\$3,750.00	\$0.00	\$0.00	\$45.00	\$11,250.00
X	5n	3" Trash Pump	250 HOUR		\$0.00	\$0.00	\$20.00	\$5,000.00	\$0.00	\$0.00	\$40.00	\$10,000.00
X	5o	4" Double Diaphragm Pump	2000 HOUR		\$0.00	\$0.00	\$25.00	\$50,000.00	\$0.00	\$0.00	\$20.00	\$40,000.00
X	5p	Air Compressor (125 CFM min.)	100 HOUR		\$0.00	\$0.00	\$35.00	\$3,500.00	\$0.00	\$0.00	\$35.00	\$3,500.00
X	5q	4" Jet Pump	25 HOUR		\$0.00	\$0.00	\$185.00	\$4,625.00	\$0.00	\$0.00	\$60.00	\$1,500.00
X	5r	Emergency Hauling up to 2500 gallons	25 HOUR		\$0.00	\$0.00	\$750.00	\$18,750.00	\$0.00	\$0.00	\$370.00	\$9,250.00
X	5s	Emergency Hauling over 2500 gallons	25 HOUR		\$0.00	\$0.00	\$900.00	\$22,500.00	\$0.00	\$0.00	\$420.00	\$10,500.00
X	5t	Street Sweeper	200 HOUR		\$0.00	\$0.00	\$250.00	\$50,000.00	\$0.00	\$0.00	\$45.00	\$9,000.00
X	5u	Mobile Light Tower	40 DAY		\$0.00	\$0.00	\$300.00	\$12,000.00	\$0.00	\$0.00	\$130.00	\$5,200.00
X	5v	Vactor Truck	250 HOUR		\$0.00	\$0.00	\$450.00	\$112,500.00	\$0.00	\$0.00	\$450.00	\$112,500.00
		LANDSCAPING/R										
X	6a	Sodding	75000 SF		\$0.00	\$0.00	\$1.75	\$131,250.00	\$0.00	\$0.00	\$1.75	\$131,250.00
X	6b	Brush Removal	40 TON		\$0.00	\$0.00	\$500.00	\$20,000.00	\$0.00	\$0.00	\$200.00	\$8,000.00
X	6c	Tree Protection	15 EA		\$0.00	\$0.00	\$312.50	\$4,687.50	\$0.00	\$0.00	\$300.00	\$4,500.00
X	6d	Tree Removal (<6" Trunk Diameter)	5 EA		\$0.00	\$0.00	\$625.00	\$3,125.00	\$0.00	\$0.00	\$1,000.00	\$5,000.00
X	6e	Tree Removal (6"-12" Trunk Diameter)	3 EA		\$0.00	\$0.00	\$750.00	\$2,250.00	\$0.00	\$0.00	\$1,500.00	\$4,500.00
X	6f	Tree Removal (13"-18" Trunk Diameter)	3 EA		\$0.00	\$0.00	\$2,025.00	\$6,075.00	\$0.00	\$0.00	\$3,000.00	\$9,000.00
X	6g	Tree Removal (>18" Trunk Diameter)	3 EA		\$0.00	\$0.00	\$3,375.00	\$10,125.00	\$0.00	\$0.00	\$6,000.00	\$18,000.00
		MATERIALS										
X	7a	Remove and Replace Concrete Sidewalk, (4" Min Thickness)	500 SF		\$0.00	\$0.00	\$27.50	\$13,750.00	\$0.00	\$0.00	\$40.00	\$20,000.00
X	7b	Remove and Replace Concrete Sidewalk, (6" Min Thickness)	500 SF		\$0.00	\$0.00	\$32.50	\$16,250.00	\$0.00	\$0.00	\$55.00	\$27,500.00

X	7c	Remove and Replace Concrete Driveway	250 SY	\$0.00	\$0.00	\$193.75	\$48,437.50	\$0.00	\$0.00	\$195.00	\$48,750.00
X	7d	Full Width Milling (Up to 2")	7500 SY	\$0.00	\$0.00	\$40.00	\$300,000.00	\$0.00	\$0.00	\$38.00	\$285,000.00
X	7e	Full Width Milling (2" to 4")	7500 SY	\$0.00	\$0.00	\$31.25	\$234,375.00	\$0.00	\$0.00	\$40.00	\$300,000.00
X	7f	SP 12.5 Asphalt Concrete Resurfacing	500 TON	\$0.00	\$0.00	\$275.00	\$137,500.00	\$0.00	\$0.00	\$450.00	\$225,000.00
X	7g	SP 9.5 Asphalt Concrete Resurfacing	500 TON	\$0.00	\$0.00	\$275.00	\$137,500.00	\$0.00	\$0.00	\$450.00	\$225,000.00
X	7h	Pavement Marking - Crosswalk (Lane)	500 LF	\$0.00	\$0.00	\$2.50	\$1,250.00	\$0.00	\$0.00	\$20.00	\$10,000.00
X	7i	Pavement Marking - Stop Bars (Lane)	250 EA	\$0.00	\$0.00	\$112.50	\$28,125.00	\$0.00	\$0.00	\$345.00	\$86,250.00
X	7j	Pavement Marking - School Crossing/RR	50 EA	\$0.00	\$0.00	\$110.00	\$5,500.00	\$0.00	\$0.00	\$600.00	\$30,000.00
X	7k	Pavement Marking - Turn, Straight, Combo Arrows	50 EA	\$0.00	\$0.00	\$125.00	\$6,250.00	\$0.00	\$0.00	\$380.00	\$19,000.00
		Pavement Marking - Dashed (White, Yellow, or Double Yellow)	500 LF	\$0.00	\$0.00	\$1.25	\$625.00	\$0.00	\$0.00	\$9.00	\$4,500.00
X	7m	Pavement Marking - Solid White	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$9.00	\$2,250.00
X	7n	Pavement Marking - Solid Double Yellow	250 LF	\$0.00	\$0.00	\$1.875	\$468.75	\$0.00	\$0.00	\$12.00	\$3,000.00
X	7o	Pavement Marking - Solid Yellow	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$9.00	\$2,250.00
		Temporary Pavement Marking - Turn, Straight, Combo Arrows	250 EA	\$0.00	\$0.00	\$125.00	\$31,250.00	\$0.00	\$0.00	\$75.00	\$18,750.00
X	7p	Temporary Pavement Marking - Dashed (White, Yellow, or Double Yellow)	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$7.00	\$1,750.00
X	7q	Temporary Pavement Marking - Solid White	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$7.00	\$1,750.00
X	7r	Temporary Pavement Marking - Solid Double Yellow	250 LF	\$0.00	\$0.00	\$1.875	\$468.75	\$0.00	\$0.00	\$10.00	\$2,500.00
X	7s	Temporary Pavement Marking - Solid Yellow	250 LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$9.00	\$2,250.00
		Remove and replace concrete curb and gutter (FDOT Type A)	750 LF	\$0.00	\$0.00	\$56.25	\$42,187.50	\$0.00	\$0.00	\$45.00	\$33,750.00
X	7u	Remove and replace concrete curb and gutter (FDOT Type E)	750 LF	\$0.00	\$0.00	\$87.50	\$65,625.00	\$0.00	\$0.00	\$60.00	\$45,000.00
		Remove and replace concrete curb and gutter (FDOT Type F)	750 LF	\$0.00	\$0.00	\$87.50	\$65,625.00	\$0.00	\$0.00	\$60.00	\$45,000.00
X	7x	3000 psi Concrete	100 CY	\$0.00	\$0.00	\$625.00	\$62,500.00	\$0.00	\$0.00	\$425.00	\$42,500.00
X	7y	Off Site Selected Fill	1500 CY	\$0.00	\$0.00	\$62.50	\$93,750.00	\$0.00	\$0.00	\$65.00	\$97,500.00
X	7z	Limerock Base Material	750 TON	\$0.00	\$0.00	\$91.25	\$68,437.50	\$0.00	\$0.00	\$95.00	\$71,250.00
X	7aa	Crushed Concrete Base Material	750 TON	\$0.00	\$0.00	\$117.50	\$88,125.00	\$0.00	\$0.00	\$100.00	\$75,000.00
X	7ab	Stabilized Subgrade	750 TON	\$0.00	\$0.00	\$91.25	\$68,437.50	\$0.00	\$0.00	\$90.00	\$67,500.00
X	7ac	# 57 Washed Stone	750 TON	\$0.00	\$0.00	\$156.25	\$117,187.50	\$0.00	\$0.00	\$130.00	\$97,500.00
X	7ad	Removal of unsuitable soil	300 TON	\$0.00	\$0.00	\$28.75	\$8,625.00	\$0.00	\$0.00	\$65.00	\$19,500.00
X	7ae	Removal of buried concrete	50 CY	\$0.00	\$0.00	\$400.00	\$20,000.00	\$0.00	\$0.00	\$110.00	\$5,500.00
X	7af	Removal of Hazardous	50 CY	\$0.00	\$0.00	\$1,500.00	\$75,000.00	\$0.00	\$0.00	\$125.00	\$6,250.00
X	7ag	Rip Rap	300 TON	\$0.00	\$0.00	\$187.50	\$56,250.00	\$0.00	\$0.00	\$250.00	\$75,000.00
X	7ah	Flowable Fill	100 CY	\$0.00	\$0.00	\$250.00	\$25,000.00	\$0.00	\$0.00	\$300.00	\$30,000.00
X	7ai	Brick Pavers	100 SY	\$0.00	\$0.00	\$150.00	\$15,000.00	\$0.00	\$0.00	\$125.00	\$12,500.00
X	7aj	Brick Paver Level Sand	10 CY	\$0.00	\$0.00	\$150.00	\$1,500.00	\$0.00	\$0.00	\$400.00	\$4,000.00
X	7ak	Geo Grid	80 SY	\$0.00	\$0.00	\$35.00	\$2,800.00	\$0.00	\$0.00	\$65.00	\$5,200.00
X	7al	Shoring (4" to 6" deep)	12 EA	\$0.00	\$0.00	\$1,500.00	\$18,000.00	\$0.00	\$0.00	\$4,500.00	\$54,000.00
X	7am	Shoring (6" to 10" deep)	12 EA	\$0.00	\$0.00	\$4,000.00	\$48,000.00	\$0.00	\$0.00	\$4,500.00	\$54,000.00
X	7an	Steel Road Plates	12 EA	\$0.00	\$0.00	\$300.00	\$3,600.00	\$0.00	\$0.00	\$500.00	\$6,000.00
WELL POINT DEV											
X	8a	Well Point Dewatering	2000 LF/DAY	\$0.00	\$0.00	\$82.50	\$165,000.00	\$0.00	\$0.00	\$55.00	\$110,000.00
GROUT FILL AND											
X	9a	2"-6"	7500 LF	\$0.00	\$0.00	\$18.75	\$140,625.00	\$0.00	\$0.00	\$30.00	\$225,000.00
X	9b	8"-12"	7500 LF	\$0.00	\$0.00	\$20.00	\$150,000.00	\$0.00	\$0.00	\$35.00	\$262,500.00
X	9c	16"-24"	5000 LF	\$0.00	\$0.00	\$25.00	\$125,000.00	\$0.00	\$0.00	\$40.00	\$200,000.00
X	9d	>30"	5000 LF	\$0.00	\$0.00	\$62.50	\$312,500.00	\$0.00	\$0.00	\$55.00	\$275,000.00
REMOVE ABAND											
X	10a	2"-6"	5000 LF	\$0.00	\$0.00	\$12.50	\$62,500.00	\$0.00	\$0.00	\$30.00	\$150,000.00
X	10b	8"-12"	5000 LF	\$0.00	\$0.00	\$18.75	\$93,750.00	\$0.00	\$0.00	\$37.00	\$185,000.00
X	10c	16"-24"	2000 LF	\$0.00	\$0.00	\$37.50	\$75,000.00	\$0.00	\$0.00	\$39.00	\$78,000.00
X	10d	>30"	500 LF	\$0.00	\$0.00	\$62.50	\$31,250.00	\$0.00	\$0.00	\$42.00	\$21,000.00
PRESSURE MAIN											
TEMPORARY WA											
		2" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)	20000 LF	\$0.00	\$0.00	\$41.00	\$820,000.00	\$0.00	\$0.00	\$15.00	\$300,000.00
X	11a	4" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)	15000 LF	\$0.00	\$0.00	\$46.00	\$690,000.00	\$0.00	\$0.00	\$16.00	\$240,000.00
X	11c	6" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)	5000 LF	\$0.00	\$0.00	\$56.00	\$280,000.00	\$0.00	\$0.00	\$18.00	\$90,000.00
DIRECTIONAL DR											
X	12a	Furnish and Install 4" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4000 LF	\$0.00	\$0.00	\$146.41	\$585,640.00	\$0.00	\$0.00	\$115.00	\$460,000.00
X	12b	Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4000 LF	\$0.00	\$0.00	\$164.56	\$658,240.00	\$0.00	\$0.00	\$125.00	\$500,000.00
X	12c	Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	4000 LF	\$0.00	\$0.00	\$188.76	\$755,040.00	\$0.00	\$0.00	\$145.00	\$580,000.00
X	12d	11 with Transitional Ends with MJ Adapters	2000 LF	\$0.00	\$0.00	\$220.22	\$440,440.00	\$0.00	\$0.00	\$165.00	\$330,000.00
X	12e	11 with Transitional Ends with MJ Adapters	4000 LF	\$0.00	\$0.00	\$257.73	\$1,030,920.00	\$0.00	\$0.00	\$175.00	\$700,000.00
X	12f	11 with Transitional Ends with MJ Adapters	2000 LF	\$0.00	\$0.00	\$347.27	\$694,540.00	\$0.00	\$0.00	\$185.00	\$370,000.00
X	12g	11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$447.70	\$447,700.00	\$0.00	\$0.00	\$260.00	\$260,000.00
X	12h	11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$605.00	\$605,000.00	\$0.00	\$0.00	\$350.00	\$350,000.00

PVC (Inclusive all)											
X	16a	4" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$93.75	\$46,875.00	\$0.00	\$0.00	\$100.00	\$50,000.00
X	16b	4" diameter (5.1' to 10')	100 LF	\$0.00	\$0.00	\$150.00	\$15,000.00	\$0.00	\$0.00	\$125.00	\$12,500.00
X	16c	4" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$300.00	\$30,000.00	\$0.00	\$0.00	\$175.00	\$17,500.00
X	16d	4" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$515.00	\$25,750.00	\$0.00	\$0.00	\$300.00	\$15,000.00
X	16e	6" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$110.00	\$55,000.00	\$0.00	\$0.00	\$110.00	\$55,000.00
X	16f	6" diameter (5.1' to 10')	100 LF	\$0.00	\$0.00	\$157.50	\$15,750.00	\$0.00	\$0.00	\$135.00	\$13,500.00
X	16g	6" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$316.25	\$31,625.00	\$0.00	\$0.00	\$215.00	\$21,500.00
X	16h	6" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$528.75	\$26,437.50	\$0.00	\$0.00	\$300.00	\$15,000.00
X	16i	8" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$127.50	\$63,750.00	\$0.00	\$0.00	\$120.00	\$60,000.00
X	16j	8" diameter (5.1' to 10')	100 LF	\$0.00	\$0.00	\$177.50	\$17,750.00	\$0.00	\$0.00	\$150.00	\$15,000.00
X	16k	8" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$337.50	\$33,750.00	\$0.00	\$0.00	\$215.00	\$21,500.00
X	16l	8" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$506.00	\$25,300.00	\$0.00	\$0.00	\$310.00	\$15,500.00
X	16m	10" diameter (0' to 5')	200 LF	\$0.00	\$0.00	\$140.25	\$28,050.00	\$0.00	\$0.00	\$135.00	\$27,000.00
X	16n	10" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$195.25	\$39,050.00	\$0.00	\$0.00	\$160.00	\$32,000.00
X	16o	10" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$371.25	\$18,562.50	\$0.00	\$0.00	\$220.00	\$11,000.00
X	16p	10" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$556.60	\$16,698.00	\$0.00	\$0.00	\$315.00	\$9,450.00
DUCTILE IRON (I)											
X	17a	4" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$143.75	\$71,875.00	\$0.00	\$0.00	\$135.00	\$67,500.00
X	17b	4" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$193.75	\$38,750.00	\$0.00	\$0.00	\$165.00	\$33,000.00
X	17c	4" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$352.50	\$35,250.00	\$0.00	\$0.00	\$245.00	\$24,500.00
X	17d	4" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$565.00	\$28,250.00	\$0.00	\$0.00	\$310.00	\$15,500.00
X	17e	6" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$130.00	\$65,000.00	\$0.00	\$0.00	\$145.00	\$72,500.00
X	17f	6" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$178.75	\$35,750.00	\$0.00	\$0.00	\$175.00	\$35,000.00
X	17g	6" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$337.50	\$33,750.00	\$0.00	\$0.00	\$185.00	\$18,500.00
X	17h	6" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$550.00	\$27,500.00	\$0.00	\$0.00	\$320.00	\$16,000.00
X	17i	8" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$146.25	\$73,125.00	\$0.00	\$0.00	\$155.00	\$77,500.00
X	17j	8" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$195.00	\$39,000.00	\$0.00	\$0.00	\$185.00	\$37,000.00
X	17k	8" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$353.75	\$35,375.00	\$0.00	\$0.00	\$200.00	\$20,000.00
X	17l	8" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$568.75	\$28,437.50	\$0.00	\$0.00	\$350.00	\$17,500.00
X	17m	10" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$190.00	\$95,000.00	\$0.00	\$0.00	\$165.00	\$82,500.00
X	17n	10" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$328.75	\$65,750.00	\$0.00	\$0.00	\$225.00	\$45,000.00
X	17o	10" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$454.00	\$14,500.00	\$0.00	\$0.00	\$275.00	\$27,500.00
X	17p	10" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$587.50	\$29,375.00	\$0.00	\$0.00	\$375.00	\$18,750.00
X	17q	12" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$187.50	\$93,750.00	\$0.00	\$0.00	\$175.00	\$87,500.00
X	17r	12" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$340.00	\$68,000.00	\$0.00	\$0.00	\$230.00	\$46,000.00
X	17s	12" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$396.25	\$39,625.00	\$0.00	\$0.00	\$290.00	\$29,000.00
X	17t	12" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$608.75	\$30,437.50	\$0.00	\$0.00	\$425.00	\$21,250.00
X	17u	14" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$280.00	\$28,000.00	\$0.00	\$0.00	\$225.00	\$22,500.00
X	17v	14" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$495.00	\$24,750.00	\$0.00	\$0.00	\$325.00	\$16,250.00
X	17w	14" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$505.00	\$10,100.00	\$0.00	\$0.00	\$420.00	\$8,400.00
X	17x	14" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$676.25	\$13,525.00	\$0.00	\$0.00	\$550.00	\$11,000.00
X	17y	16" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$221.25	\$110,625.00	\$0.00	\$0.00	\$230.00	\$115,000.00
X	17z	16" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$270.00	\$54,000.00	\$0.00	\$0.00	\$335.00	\$67,000.00
X	17aa	16" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$470.00	\$23,500.00	\$0.00	\$0.00	\$435.00	\$21,750.00
X	17ab	16" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$641.25	\$19,237.50	\$0.00	\$0.00	\$585.00	\$17,550.00
X	17ac	18" diameter (0' to 5')	50 LF	\$0.00	\$0.00	\$268.75	\$13,437.50	\$0.00	\$0.00	\$325.00	\$16,250.00
X	17ad	18" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$483.75	\$24,187.50	\$0.00	\$0.00	\$440.00	\$22,000.00
X	17ae	18" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$493.75	\$9,875.00	\$0.00	\$0.00	\$495.00	\$9,900.00
X	17af	18" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$666.25	\$13,325.00	\$0.00	\$0.00	\$500.00	\$10,000.00
X	17ag	20" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$268.75	\$134,375.00	\$0.00	\$0.00	\$365.00	\$182,500.00
X	17ah	20" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$318.75	\$63,750.00	\$0.00	\$0.00	\$445.00	\$89,000.00
X	17ai	20" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$517.50	\$25,875.00	\$0.00	\$0.00	\$450.00	\$22,500.00
X	17aj	20" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$691.25	\$20,737.50	\$0.00	\$0.00	\$500.00	\$15,000.00
X	17ak	24" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$368.75	\$184,375.00	\$0.00	\$0.00	\$415.00	\$207,500.00
X	17al	24" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$417.50	\$83,500.00	\$0.00	\$0.00	\$440.00	\$88,000.00
X	17am	24" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$650.00	\$32,500.00	\$0.00	\$0.00	\$465.00	\$23,250.00
X	17an	24" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$757.50	\$22,725.00	\$0.00	\$0.00	\$550.00	\$16,500.00
X	17ao	30" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$507.50	\$50,750.00	\$0.00	\$0.00	\$450.00	\$45,000.00
X	17ap	30" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$735.00	\$36,750.00	\$0.00	\$0.00	\$480.00	\$24,000.00
X	17aq	30" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$777.50	\$15,550.00	\$0.00	\$0.00	\$500.00	\$10,000.00
X	17ar	30" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$992.45	\$19,849.00	\$0.00	\$0.00	\$625.00	\$12,500.00
X	17as	36" diameter (0' to 5')	100 LF	\$0.00	\$0.00	\$586.50	\$58,650.00	\$0.00	\$0.00	\$550.00	\$55,000.00
X	17at	36" diameter (5.1' to 10')	50 LF	\$0.00	\$0.00	\$795.80	\$39,790.00	\$0.00	\$0.00	\$585.00	\$29,250.00
X	17au	36" diameter (10.1' to 15')	20 LF	\$0.00	\$0.00	\$833.75	\$16,675.00	\$0.00	\$0.00	\$750.00	\$15,000.00
X	17av	36" diameter (15.1' to 20')	20 LF	\$0.00	\$0.00	\$1,110.90	\$22,218.00	\$0.00	\$0.00	\$825.00	\$16,500.00
HDPE (Inclusive all)											
X	18a	4" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$88.75	\$44,375.00	\$0.00	\$0.00	\$60.00	\$30,000.00
X	18b	4" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$138.75	\$27,750.00	\$0.00	\$0.00	\$72.00	\$14,400.00
X	18c	4" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$297.50	\$29,750.00	\$0.00	\$0.00	\$110.00	\$11,000.00
X	18d	4" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$510.00	\$25,500.00	\$0.00	\$0.00	\$128.00	\$6,400.00
X	18e	6" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$100.00	\$50,000.00	\$0.00	\$0.00	\$65.00	\$32,500.00
X	18f	6" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$148.75	\$29,750.00	\$0.00	\$0.00	\$75.00	\$15,000.00
X	18g	6" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$308.75	\$30,875.00	\$0.00	\$0.00	\$125.00	\$12,500.00
X	18h	6" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$520.00	\$26,000.00	\$0.00	\$0.00	\$135.00	\$6,750.00
X	18i	8" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$113.75	\$56,875.00	\$0.00	\$0.00	\$70.00	\$35,000.00
X	18j	8" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$162.50	\$32,500.00	\$0.00	\$0.00	\$82.00	\$16,400.00
X	18k	8" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$321.25	\$32,125.00	\$0.00	\$0.00	\$128.00	\$12,800.00
X	18l	8" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$533.75	\$26,687.50	\$0.00	\$0.00	\$140.00	\$7,000.00
X	18m	10" diameter (0' to 5')	200 LF	\$0.00	\$0.00	\$130.00	\$26,000.00	\$0.00	\$0.00	\$85.00	\$17,000.00
X	18n	10" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$178.75	\$35,750.00	\$0.00	\$0.00	\$93.00	\$18,600.00
X	18o	10" diameter (10.1' to 15')	50 LF	\$0.00	\$0.00	\$338.75	\$16,937.50	\$0.00	\$0.00	\$135.00	\$6,750.00
X	18p	10" diameter (15.1' to 20')	30 LF	\$0.00	\$0.00	\$550.00	\$16,500.00	\$0.00	\$0.00	\$150.00	\$4,500.00

X	18q	12" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$151.25	\$75,625.00	\$0.00	\$0.00	\$92.00	\$46,000.00
X	18r	12" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$201.25	\$40,250.00	\$0.00	\$0.00	\$100.00	\$20,000.00
X	18s	12" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$361.25	\$36,125.00	\$0.00	\$0.00	\$145.00	\$14,500.00
X	18t	12" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$572.50	\$28,625.00	\$0.00	\$0.00	\$162.00	\$8,100.00
X	18u	16" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$181.50	\$90,750.00	\$0.00	\$0.00	\$105.00	\$52,500.00
X	18v	16" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$241.50	\$48,300.00	\$0.00	\$0.00	\$110.00	\$22,000.00
X	18w	16" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$433.50	\$43,350.00	\$0.00	\$0.00	\$150.00	\$15,000.00
X	18x	16" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$687.00	\$34,350.00	\$0.00	\$0.00	\$165.00	\$8,250.00
X	18y	18" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$199.65	\$99,825.00	\$0.00	\$0.00	\$112.00	\$56,000.00
X	18z	18" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$265.65	\$53,130.00	\$0.00	\$0.00	\$120.00	\$24,000.00
X	18aa	18" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$476.85	\$47,685.00	\$0.00	\$0.00	\$165.00	\$16,500.00
X	18ab	18" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$755.70	\$37,785.00	\$0.00	\$0.00	\$190.00	\$9,500.00
X	18ac	20" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$219.615	\$109,807.50	\$0.00	\$0.00	\$125.00	\$62,500.00
X	18ad	20" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$292.215	\$58,443.00	\$0.00	\$0.00	\$135.00	\$27,000.00
X	18ae	20" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$524.535	\$52,453.50	\$0.00	\$0.00	\$180.00	\$18,000.00
X	18af	20" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$831.27	\$41,563.50	\$0.00	\$0.00	\$201.00	\$10,050.00
X	18ag	24" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$241.5765	\$120,788.25	\$0.00	\$0.00	\$145.00	\$72,500.00
X	18ah	24" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$321.4365	\$64,287.30	\$0.00	\$0.00	\$160.00	\$32,000.00
X	18ai	24" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$576.9885	\$57,698.85	\$0.00	\$0.00	\$200.00	\$20,000.00
X	18aj	24" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$914.397	\$45,719.85	\$0.00	\$0.00	\$220.00	\$11,000.00
X	18ak	30" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$265.7342	\$132,867.10	\$0.00	\$0.00	\$170.00	\$85,000.00
X	18al	30" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$353.5802	\$70,716.04	\$0.00	\$0.00	\$175.00	\$35,000.00
X	18am	30" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$634.6874	\$63,468.74	\$0.00	\$0.00	\$215.00	\$21,500.00
X	18an	30" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$1,005.8367	\$50,291.835	\$0.00	\$0.00	\$235.00	\$11,750.00
X	18ao	36" diameter (0' to 5')	500 LF	\$0.00	\$0.00	\$292.3076	\$146,153.80	\$0.00	\$0.00	\$188.00	\$94,000.00
X	18ap	36" diameter (5.1' to 10')	200 LF	\$0.00	\$0.00	\$388.9382	\$77,787.64	\$0.00	\$0.00	\$200.00	\$40,000.00
X	18aq	36" diameter (10.1' to 15')	100 LF	\$0.00	\$0.00	\$698.1561	\$69,815.61	\$0.00	\$0.00	\$230.00	\$23,000.00
X	18ar	36" diameter (15.1' to 20')	50 LF	\$0.00	\$0.00	\$1,106.4204	\$55,321.02	\$0.00	\$0.00	\$250.00	\$12,500.00

DUCTILE IRON FITTINGS

X	19a	4" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$26,000.00	\$52,000.00
X	19b	6" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$25,000.00	\$50,000.00
X	19c	8" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$24,000.00	\$48,000.00
X	19d	10" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$23,500.00	\$47,000.00
X	19e	12" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$22,000.00	\$44,000.00
X	19f	14" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$20,000.00	\$40,000.00
X	19g	16" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$19,000.00	\$38,000.00
X	19h	18" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$17,000.00	\$34,000.00
X	19i	20" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$17,000.00	\$34,000.00
X	19j	24" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$16,500.00	\$33,000.00
X	19k	30" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$16,000.00	\$32,000.00
X	19l	36" diameter	2 TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$0.00	\$0.00	\$15,800.00	\$31,600.00

APPURTEANCES

GATE VALVES WI

X	20a	4"	50 EA	\$0.00	\$0.00	\$2,062.50	\$103,125.00	\$0.00	\$0.00	\$2,100.00	\$105,000.00
X	20b	6"	50 EA	\$0.00	\$0.00	\$2,431.25	\$121,562.50	\$0.00	\$0.00	\$2,500.00	\$125,000.00
X	20c	8"	50 EA	\$0.00	\$0.00	\$3,431.25	\$171,562.50	\$0.00	\$0.00	\$3,400.00	\$170,000.00
X	20d	10"	10 EA	\$0.00	\$0.00	\$4,928.75	\$49,287.50	\$0.00	\$0.00	\$4,200.00	\$42,000.00
X	20e	12"	30 EA	\$0.00	\$0.00	\$6,003.75	\$180,112.50	\$0.00	\$0.00	\$8,000.00	\$240,000.00
X	20f	14"	10 EA	\$0.00	\$0.00	\$14,838.75	\$148,387.50	\$0.00	\$0.00	\$11,500.00	\$115,000.00
X	20g	16"	10 EA	\$0.00	\$0.00	\$24,536.00	\$245,360.00	\$0.00	\$0.00	\$12,000.00	\$120,000.00
X	20h	18"	10 EA	\$0.00	\$0.00	\$29,425.00	\$294,250.00	\$0.00	\$0.00	\$18,000.00	\$180,000.00
X	20i	20"	5 EA	\$0.00	\$0.00	\$30,913.75	\$154,568.75	\$0.00	\$0.00	\$19,000.00	\$95,000.00
X	20j	24"	5 EA	\$0.00	\$0.00	\$40,678.75	\$203,393.75	\$0.00	\$0.00	\$28,000.00	\$140,000.00
X	20k	30"	5 EA	\$0.00	\$0.00	\$88,875.00	\$444,375.00	\$0.00	\$0.00	\$50,000.00	\$250,000.00
X	20l	36"	5 EA	\$0.00	\$0.00	\$95,595.00	\$477,975.00	\$0.00	\$0.00	\$77,000.00	\$385,000.00

BUTTERFLY VALVE

X	21a	12"	5 EA	\$0.00	\$0.00	\$21,000.00	\$105,000.00	\$0.00	\$0.00	\$4,500.00	\$22,500.00
X	21b	16"	5 EA	\$0.00	\$0.00	\$29,000.00	\$145,000.00	\$0.00	\$0.00	\$8,800.00	\$44,000.00
X	21c	18"	5 EA	\$0.00	\$0.00	\$33,000.00	\$165,000.00	\$0.00	\$0.00	\$10,000.00	\$50,000.00
X	21d	20"	5 EA	\$0.00	\$0.00	\$35,000.00	\$175,000.00	\$0.00	\$0.00	\$11,500.00	\$57,500.00
X	21e	24"	5 EA	\$0.00	\$0.00	\$63,000.00	\$315,000.00	\$0.00	\$0.00	\$16,000.00	\$80,000.00
X	21f	30"	5 EA	\$0.00	\$0.00	\$110,000.00	\$550,000.00	\$0.00	\$0.00	\$40,000.00	\$200,000.00

SERVICE SADDLE

X	22a	3/4"	300 EA	\$0.00	\$0.00	\$1,430.65	\$429,195.00	\$0.00	\$0.00	\$850.00	\$255,000.00
X	22b	1"	300 EA	\$0.00	\$0.00	\$1,460.10	\$438,030.00	\$0.00	\$0.00	\$875.00	\$262,500.00
X	22c	1.5"	300 EA	\$0.00	\$0.00	\$1,472.50	\$441,750.00	\$0.00	\$0.00	\$1,000.00	\$300,000.00
X	22d	2"	100 EA	\$0.00	\$0.00	\$1,474.05	\$147,405.00	\$0.00	\$0.00	\$1,100.00	\$110,000.00
X	22e	4"	10 EA	\$0.00	\$0.00	\$1,602.70	\$16,027.00	\$0.00	\$0.00	\$1,100.00	\$11,000.00
X	22f	6"	10 EA	\$0.00	\$0.00	\$1,618.20	\$16,182.00	\$0.00	\$0.00	\$1,125.00	\$11,250.00
X	22g	8"	10 EA	\$0.00	\$0.00	\$1,658.50	\$16,585.00	\$0.00	\$0.00	\$1,150.00	\$11,500.00
X	22h	10"	10 EA	\$0.00	\$0.00	\$1,712.75	\$17,127.50	\$0.00	\$0.00	\$1,165.00	\$11,650.00
X	22i	12"	10 EA	\$0.00	\$0.00	\$1,805.75	\$18,057.50	\$0.00	\$0.00	\$1,185.00	\$11,850.00
X	22j	14"	10 EA	\$0.00	\$0.00	\$1,842.95	\$18,429.50	\$0.00	\$0.00	\$1,190.00	\$11,900.00
X	22k	16"	10 EA	\$0.00	\$0.00	\$1,923.00	\$19,230.00	\$0.00	\$0.00	\$1,200.00	\$12,000.00
X	22l	18"	10 EA	\$0.00	\$0.00	\$1,973.15	\$19,731.50	\$0.00	\$0.00	\$1,210.00	\$12,100.00
X	22m	20"	10 EA	\$0.00	\$0.00	\$2,114.20	\$21,142.00	\$0.00	\$0.00	\$1,220.00	\$12,200.00

TAPPING SLEEVE

X	23a	
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X	23g	16"	3 EA	\$0.00	\$0.00	\$16,950.00	\$50,850.00	\$0.00	\$0.00	\$17,000.00	\$51,000.00
X	23h	18"	3 EA	\$0.00	\$0.00	\$18,196.50	\$54,589.50	\$0.00	\$0.00	\$24,000.00	\$72,000.00
X	23i	20"	3 EA	\$0.00	\$0.00	\$18,671.58	\$56,014.74	\$0.00	\$0.00	\$32,000.00	\$96,000.00
X	23j	24"	3 EA	\$0.00	\$0.00	\$21,383.10	\$64,149.30	\$0.00	\$0.00	\$41,000.00	\$123,000.00
X	23k	30"	3 EA	\$0.00	\$0.00	\$22,080.00	\$66,240.00	\$0.00	\$0.00	\$68,000.00	\$204,000.00
X	23l	36"	3 EA	\$0.00	\$0.00	\$37,225.50	\$111,676.50	\$0.00	\$0.00	\$95,000.00	\$285,000.00
INSERT VALVES											
X	24a	4"	40 EA	\$0.00	\$0.00	\$4,042.50	\$161,700.00	\$0.00	\$0.00	\$26,000.00	\$104,000.00
X	24b	6"	40 EA	\$0.00	\$0.00	\$5,348.75	\$213,950.00	\$0.00	\$0.00	\$27,000.00	\$108,000.00
X	24c	8"	20 EA	\$0.00	\$0.00	\$6,725.25	\$134,505.00	\$0.00	\$0.00	\$35,000.00	\$700,000.00
X	24d	10"	10 EA	\$0.00	\$0.00	\$9,660.35	\$96,603.50	\$0.00	\$0.00	\$36,500.00	\$365,000.00
X	24e	12"	20 EA	\$0.00	\$0.00	\$11,767.35	\$235,347.00	\$0.00	\$0.00	\$46,000.00	\$920,000.00
LINE STOPS											
X	25a	4"	10 EA	\$0.00	\$0.00	\$9,500.00	\$95,000.00	\$0.00	\$0.00	\$10,000.00	\$100,000.00
X	25b	6"	10 EA	\$0.00	\$0.00	\$10,505.00	\$105,050.00	\$0.00	\$0.00	\$11,000.00	\$110,000.00
X	25c	8"	10 EA	\$0.00	\$0.00	\$11,500.00	\$115,000.00	\$0.00	\$0.00	\$14,500.00	\$145,000.00
X	25d	10"	10 EA	\$0.00	\$0.00	\$15,500.00	\$155,000.00	\$0.00	\$0.00	\$14,900.00	\$149,000.00
X	25e	12"	15 EA	\$0.00	\$0.00	\$16,500.00	\$247,500.00	\$0.00	\$0.00	\$18,000.00	\$270,000.00
X	25f	14"	15 EA	\$0.00	\$0.00	\$18,500.00	\$277,500.00	\$0.00	\$0.00	\$18,500.00	\$277,500.00
X	25g	16"	15 EA	\$0.00	\$0.00	\$20,500.00	\$307,500.00	\$0.00	\$0.00	\$22,000.00	\$330,000.00
X	25h	18"	15 EA	\$0.00	\$0.00	\$25,500.00	\$382,500.00	\$0.00	\$0.00	\$23,000.00	\$345,000.00
X	25i	20"	15 EA	\$0.00	\$0.00	\$28,900.00	\$433,500.00	\$0.00	\$0.00	\$26,000.00	\$390,000.00
X	25j	24"	10 EA	\$0.00	\$0.00	\$35,000.00	\$350,000.00	\$0.00	\$0.00	\$32,000.00	\$320,000.00
X	25k	30"	3 EA	\$0.00	\$0.00	\$42,000.00	\$126,000.00	\$0.00	\$0.00	\$41,000.00	\$123,000.00
X	25l	36"	3 EA	\$0.00	\$0.00	\$48,000.00	\$144,000.00	\$0.00	\$0.00	\$48,000.00	\$144,000.00
REPAIR CLAMP											
X	26a	2"	15 EA	\$0.00	\$0.00	\$1,350.00	\$20,250.00	\$0.00	\$0.00	\$200.00	\$3,000.00
X	26b	4"	15 EA	\$0.00	\$0.00	\$1,398.72	\$29,980.80	\$0.00	\$0.00	\$315.00	\$4,725.00
X	26c	6"	15 EA	\$0.00	\$0.00	\$1,522.80	\$22,842.00	\$0.00	\$0.00	\$360.00	\$5,400.00
X	26d	8"	15 EA	\$0.00	\$0.00	\$1,942.98	\$29,144.70	\$0.00	\$0.00	\$415.00	\$6,225.00
X	26e	10"	15 EA	\$0.00	\$0.00	\$2,679.00	\$40,185.00	\$0.00	\$0.00	\$550.00	\$8,250.00
X	26f	12"	15 EA	\$0.00	\$0.00	\$3,231.72	\$48,475.80	\$0.00	\$0.00	\$600.00	\$9,000.00
X	26g	14"	5 EA	\$0.00	\$0.00	\$3,492.57	\$17,462.85	\$0.00	\$0.00	\$1,450.00	\$7,250.00
X	26h	16"	5 EA	\$0.00	\$0.00	\$3,650.00	\$18,250.00	\$0.00	\$0.00	\$1,000.00	\$5,000.00
X	26i	18"	5 EA	\$0.00	\$0.00	\$3,730.86	\$18,654.30	\$0.00	\$0.00	\$1,600.00	\$8,000.00
X	26j	20"	5 EA	\$0.00	\$0.00	\$3,983.25	\$19,916.25	\$0.00	\$0.00	\$3,000.00	\$15,000.00
X	26k	24"	5 EA	\$0.00	\$0.00	\$4,301.91	\$21,509.55	\$0.00	\$0.00	\$4,000.00	\$20,000.00
X	26l	30"	5 EA	\$0.00	\$0.00	\$4,575.45	\$22,877.25	\$0.00	\$0.00	\$4,000.00	\$20,000.00
X	26m	36"	5 EA	\$0.00	\$0.00	\$4,966.02	\$24,830.10	\$0.00	\$0.00	\$5,000.00	\$25,000.00
RESTRAINED JOINT											
X	27a	2" Restrained Joint	50 EA	\$0.00	\$0.00	\$164.40	\$8,220.00	\$0.00	\$0.00	\$300.00	\$15,000.00
X	27b	4" Restrained Joint	100 EA	\$0.00	\$0.00	\$212.35	\$21,235.00	\$0.00	\$0.00	\$310.00	\$31,000.00
X	27c	6" Restrained Joint	100 EA	\$0.00	\$0.00	\$360.31	\$36,031.00	\$0.00	\$0.00	\$325.00	\$32,500.00
X	27d	8" Restrained Joint	100 EA	\$0.00	\$0.00	\$548.00	\$54,800.00	\$0.00	\$0.00	\$450.00	\$45,000.00
X	27e	10" Restrained Joint	100 EA	\$0.00	\$0.00	\$763.09	\$76,309.00	\$0.00	\$0.00	\$480.00	\$48,000.00
X	27f	12" Restrained Joint	100 EA	\$0.00	\$0.00	\$899.08	\$89,908.00	\$0.00	\$0.00	\$490.00	\$49,000.00
X	27g	16" Restrained Joint	50 EA	\$0.00	\$0.00	\$2,986.60	\$149,330.00	\$0.00	\$0.00	\$1,500.00	\$75,000.00
X	27h	18" Restrained Joint	50 EA	\$0.00	\$0.00	\$3,096.20	\$154,810.00	\$0.00	\$0.00	\$1,600.00	\$80,000.00
X	27i	20" Restrained Joint	20 EA	\$0.00	\$0.00	\$3,963.41	\$79,268.20	\$0.00	\$0.00	\$1,600.00	\$32,000.00
X	27j	24" Restrained Joint	20 EA	\$0.00	\$0.00	\$3,729.45	\$74,589.00	\$0.00	\$0.00	\$1,800.00	\$36,000.00
X	27k	30" Restrained Joint	20 EA	\$0.00	\$0.00	\$4,712.00	\$94,240.00	\$0.00	\$0.00	\$3,800.00	\$76,000.00
FIRE HYDRANT A											
X	28a	Remove and Replace Fire Hydrant Assembly With Valve (5-1/4")	40 EA	\$0.00	\$0.00	\$10,900.00	\$436,000.00	\$0.00	\$0.00	\$11,000.00	\$440,000.00
X	28b	Remove and Replace Fire Hydrant Assembly Without Valve (5-1/4")	10 EA	\$0.00	\$0.00	\$8,500.00	\$85,000.00	\$0.00	\$0.00	\$9,500.00	\$95,000.00
X	28c	Install New Fire Hydrant Assembly With Valve (5-1/4")	10 EA	\$0.00	\$0.00	\$10,100.00	\$101,000.00	\$0.00	\$0.00	\$10,500.00	\$105,000.00
X	28d	Remove Existing Fire Hydrant	5 EA	\$0.00	\$0.00	\$1,200.00	\$6,000.00	\$0.00	\$0.00	\$1,400.00	\$7,000.00
SERVICE CONNECTION											
X	29a	Furnish and Install 5/8" Service Connection (corp to meter including meter box) and 2" PVC Casing	150 EA	\$0.00	\$0.00	\$2,600.00	\$390,000.00	\$0.00	\$0.00	\$2,500.00	\$375,000.00
X	29b	Furnish and Install 3/4" Service Connection (corp to meter including meter box) and 2" PVC Casing	500 EA	\$0.00	\$0.00	\$2,912.50	\$1,456,250.00	\$0.00	\$0.00	\$3,000.00	\$1,500,000.00
X	29c	Furnish and Install 1" Service Connection (corp to meter including meter box) and 2" PVC Casing	500 EA	\$0.00	\$0.00	\$4,035.00	\$2,017,500.00	\$0.00	\$0.00	\$3,200.00	\$1,600,000.00
X	29d	Casing	75 EA	\$0.00	\$0.00	\$4,808.75	\$360,656.25	\$0.00	\$0.00	\$3,700.00	\$277,500.00
X	29e	Furnish and Install 2" Service Connection (including brass ball valve to meter box) and 3" PVC Casing	50 EA	\$0.00	\$0.00	\$5,382.50	\$269,125.00	\$0.00	\$0.00	\$4,500.00	\$225,000.00
OTHER ITEMS											
X	30a	Bollard	30 EA	\$0.00	\$0.00	\$1,255.00	\$37,650.00	\$0.00	\$0.00	\$450.00	\$13,500.00
X	30b	Aboveground ARV Assembly (Inclusive of fittings and enclosure)	10 EA	\$0.00	\$0.00	\$9,931.25	\$99,312.50	\$0.00	\$0.00	\$10,000.00	\$100,000.00
X	30c	ARV Only Assembly (Inclusive of fittings)	10 EA	\$0.00	\$0.00	\$4,115.00	\$41,150.00	\$0.00	\$0.00	\$3,250.00	\$32,500.00
X	30d	Temporary Blowoff Assembly	10 EA	\$0.00	\$0.00	\$1,800.00	\$18,000.00	\$0.00	\$0.00	\$2,000.00	\$20,000.00
X	30e	4" Blowoff Assembly	10 EA	\$0.00	\$0.00	\$2,600.00	\$26,000.00	\$0.00	\$0.00	\$2,300.00	\$23,000.00
X	30f	Pipe Exterior Coating	100 SF	\$0.00	\$0.00	\$47.50	\$4,750.00	\$0.00	\$0.00	\$65.00	\$6,500.00
WATER MAIN DISINFECTION											
X	31a	Cleaning and Disinfection of 2" to 6" Potable Water Main	7000 LF	\$0.00	\$0.00	\$19.00	\$133,000.00	\$0.00	\$0.00	\$23.00	\$161,000.00
X	31b	Cleaning and Disinfection of 8" to 12" Potable Water Main	5000 LF	\$0.00	\$0.00	\$21.00	\$105,000.00	\$0.00	\$0.00	\$25.00	\$125,000.00

		Cleaning and Disinfection of 14" to 20" Potable									
X	31c	Water Main	5000 LF	\$0.00	\$0.00	\$24.00	\$120,000.00	\$0.00	\$0.00	\$25.50	\$127,500.00
X	31d	Cleaning and Disinfection of 24" to 36" Potable	5000 LF	\$0.00	\$0.00	\$28.00	\$140,000.00	\$0.00	\$0.00	\$26.00	\$130,000.00
X	31e	Water Main	5000 LF	\$0.00	\$0.00	\$19.00	\$95,000.00	\$0.00	\$0.00	\$23.00	\$115,000.00
X	31f	Cleaning and Disinfection of 2" to 6" Reclaimed	5000 LF	\$0.00	\$0.00	\$21.00	\$105,000.00	\$0.00	\$0.00	\$25.00	\$125,000.00
X	31g	Water Main	2000 LF	\$0.00	\$0.00	\$24.00	\$48,000.00	\$0.00	\$0.00	\$25.50	\$51,000.00
X	31h	Cleaning and Disinfection of 24" to 36" Reclaimed	2000 LF	\$0.00	\$0.00	\$28.00	\$56,000.00	\$0.00	\$0.00	\$26.00	\$52,000.00
		GRAVITY SANITA									
		PVC GRAVITY M									
X	32a	6" diameter	500 LF	\$0.00	\$0.00	\$301.92	\$150,960.00	\$0.00	\$0.00	\$225.00	\$112,500.00
X	32b	8" diameter	500 LF	\$0.00	\$0.00	\$318.20	\$159,100.00	\$0.00	\$0.00	\$250.00	\$125,000.00
X	32c	10" diameter	500 LF	\$0.00	\$0.00	\$337.44	\$168,720.00	\$0.00	\$0.00	\$260.00	\$130,000.00
X	32d	12" diameter	500 LF	\$0.00	\$0.00	\$362.60	\$181,300.00	\$0.00	\$0.00	\$270.00	\$135,000.00
X	32e	14" diameter	100 LF	\$0.00	\$0.00	\$564.47	\$56,447.00	\$0.00	\$0.00	\$340.00	\$34,000.00
X	32f	16" diameter	100 LF	\$0.00	\$0.00	\$569.80	\$56,980.00	\$0.00	\$0.00	\$375.00	\$37,500.00
X	32g	18" diameter	100 LF	\$0.00	\$0.00	\$664.52	\$66,452.00	\$0.00	\$0.00	\$425.00	\$42,500.00
X	32h	20" diameter	100 LF	\$0.00	\$0.00	\$778.48	\$77,848.00	\$0.00	\$0.00	\$500.00	\$50,000.00
X	32i	24" diameter	100 LF	\$0.00	\$0.00	\$851.00	\$85,100.00	\$0.00	\$0.00	\$600.00	\$60,000.00
		WASTEWATER N									
X	33a	Manhole - 4 feet Diameter	100 VF	\$0.00	\$0.00	\$2,092.20	\$209,220.00	\$0.00	\$0.00	\$1,200.00	\$120,000.00
X	33b	Manhole - 5 feet Diameter	50 VF	\$0.00	\$0.00	\$2,602.05	\$130,102.50	\$0.00	\$0.00	\$1,600.00	\$80,000.00
X	33c	Manhole - 6 feet Diameter	50 VF	\$0.00	\$0.00	\$2,899.05	\$144,952.50	\$0.00	\$0.00	\$1,900.00	\$95,000.00
X	33d	Adjust Existing Manhole Frame and Cover (paved areas)	10 EA	\$0.00	\$0.00	\$4,405.50	\$44,055.00	\$0.00	\$0.00	\$1,000.00	\$10,000.00
X	33e	Adjust Existing Manhole Frame and Cover (unpaved areas)	10 EA	\$0.00	\$0.00	\$3,385.80	\$33,858.00	\$0.00	\$0.00	\$800.00	\$8,000.00
X	33f	Replace Existing Manhole Frame and Cover (paved areas)	10 EA	\$0.00	\$0.00	\$5,049.00	\$50,490.00	\$0.00	\$0.00	\$1,800.00	\$18,000.00
X	33g	Replace Existing Manhole Frame and Cover (unpaved areas)	10 EA	\$0.00	\$0.00	\$4,029.30	\$40,293.00	\$0.00	\$0.00	\$1,215.00	\$12,150.00
		WASTEWATER S									
X	34a	Install/Repair/Replace 4" Sanitary Sewer Lateral	10 EA	\$0.00	\$0.00	\$4,250.00	\$42,500.00	\$0.00	\$0.00	\$2,000.00	\$20,000.00
X	34b	Install/Repair/Replace 6" Sanitary Sewer Lateral	10 EA	\$0.00	\$0.00	\$4,550.00	\$45,500.00	\$0.00	\$0.00	\$2,400.00	\$24,000.00
		Total				\$0.00	\$55,451,431.125			\$0.00	\$52,166,200.00

OWNER'S CONTINGENCY											
Selected	Line Item	Description	Unit of Measure	Applied Drilling Engineer	Murphy Pipeline Contractor	Rowland DE LLC	TLC Diversified, Inc.				
			Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost				
X	35	GROUP B: Water and RCW Trenchless Pipe Installation 10% Contingency	LS	\$0.00	\$5,545,143.1125	\$0.00	\$5,216,620.00				
		Total		\$0.00	\$5,545,143.1125	\$0.00	\$5,216,620.00				

25-0027-UT Water, Reclaimed Water and Well Repair & Improvements (GROUP C - Asphalt Milling and Resurfacing)				Applied Drilling Engineering, Inc.		Murphy Pipeline Contractors		Rowland DE LLC.		TLC Diversified, Inc.		
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
		GROUP C: ASPHA										
		*Mobilization sh										
		Non-Emergency Mobilization/ Demobilization										
X	1a	including General Conditions and Traffic Control	40	LS	\$0.00	\$0.00	\$6,000.00	\$240,000.00	\$0.00	\$0.00	\$6,000.00	\$240,000.00
X	1b	Emergency Mobilization/ Demobilization including										
X	2a	General Conditions and Traffic Control	20	LS	\$0.00	\$0.00	\$7,000.00	\$140,000.00	\$0.00	\$0.00	\$4,000.00	\$80,000.00
X	2b	Full Width Milling Only (Up to 2")	20000	SY	\$0.00	\$0.00	\$31.00	\$620,000.00	\$0.00	\$0.00	\$22.00	\$440,000.00
X	2c	Full Width Milling Only (2" to 4")	20000	SY	\$0.00	\$0.00	\$40.00	\$800,000.00	\$0.00	\$0.00	\$24.00	\$480,000.00
X	2d	Asphalt Patch	1000	SY	\$0.00	\$0.00	\$55.00	\$55,000.00	\$0.00	\$0.00	\$75.00	\$75,000.00
		Complete Removal and Replacement of Asphalt										
X	3a	Pavement	2000	SY	\$0.00	\$0.00	\$65.00	\$130,000.00	\$0.00	\$0.00	\$80.00	\$160,000.00
X	3b	Remove and Replace Limerock Base Only	2000	SY	\$0.00	\$0.00	\$35.00	\$70,000.00	\$0.00	\$0.00	\$120.00	\$240,000.00
X	3c	Remove and Replace Crushed Concrete Base Only	2000	SY	\$0.00	\$0.00	\$35.00	\$70,000.00	\$0.00	\$0.00	\$120.00	\$240,000.00
X	4a	Sodding	45000	SF	\$0.00	\$0.00	\$1.75	\$78,750.00	\$0.00	\$0.00	\$1.75	\$78,750.00
X	4b	Brush Removal	40	TON	\$0.00	\$0.00	\$500.00	\$20,000.00	\$0.00	\$0.00	\$250.00	\$10,000.00
X	4c	Tree protection	15	EA	\$0.00	\$0.00	\$312.50	\$4,687.50	\$0.00	\$0.00	\$300.00	\$4,500.00
X	4d	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00	\$625.00	\$3,125.00	\$0.00	\$0.00	\$1,000.00	\$5,000.00
X	4e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$750.00	\$2,250.00	\$0.00	\$0.00	\$1,500.00	\$4,500.00
X	4f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$2,025.00	\$6,075.00	\$0.00	\$0.00	\$3,000.00	\$9,000.00
X	4g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$3,375.00	\$10,125.00	\$0.00	\$0.00	\$6,000.00	\$18,000.00
X	5a	Pavement Marking - Crosswalks (Lane)	500	LF	\$0.00	\$0.00	\$2.50	\$1,250.00	\$0.00	\$0.00	\$29.00	\$14,500.00
X	5b	Pavement Marking - Stop Bars (Lane)	250	EA	\$0.00	\$0.00	\$112.50	\$28,125.00	\$0.00	\$0.00	\$415.00	\$103,750.00
X	5c	Pavement Marking - School Crossing/RR	50	EA	\$0.00	\$0.00	\$110.00	\$5,500.00	\$0.00	\$0.00	\$690.00	\$34,500.00
X	5d	Pavement Marking - Turn, Straight, Combo Arrows	50	EA	\$0.00	\$0.00	\$125.00	\$6,250.00	\$0.00	\$0.00	\$480.00	\$24,000.00
		Pavement Marking - Dashed (White, Yellow or										
X	5e	Double Yellow)	500	LF	\$0.00	\$0.00	\$1.25	\$625.00	\$0.00	\$0.00	\$10.00	\$5,000.00
X	5f	Pavement Marking - Solid White	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$10.00	\$2,500.00
X	5g	Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00	\$1.875	\$468.75	\$0.00	\$0.00	\$15.00	\$3,750.00
X	5h	Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$10.00	\$2,500.00
		Temporary Pavement Marking - Turn, Straight,										
X	5i	Combo Arrows	250	EA	\$0.00	\$0.00	\$125.00	\$31,250.00	\$0.00	\$0.00	\$110.00	\$27,500.00
		Temporary Pavement Marking - Dashed (White,										
X	5j	Yellow or Double Yellow)	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$10.00	\$2,500.00
X	5k	Temporary Pavement Marking - Solid White	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$10.00	\$2,500.00
X	5l	Temporary Pavement Marking - Solid Double Yellow	250	LF	\$0.00	\$0.00	\$1.875	\$468.75	\$0.00	\$0.00	\$11.00	\$2,750.00
X	5m	Temporary Pavement Marking - Solid Yellow	250	LF	\$0.00	\$0.00	\$1.25	\$312.50	\$0.00	\$0.00	\$9.00	\$2,250.00
		Total			\$0.00		\$2,325,512.50		\$0.00		\$2,312,750.00	

OWNER'S CONTINGENCY				Applied Drilling Engineering		Murphy Pipeline Contractor		Rowland DE LLC.		TLC Diversified, Inc.	
Selected	Line Item	Description	Unit of Measure	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost
X	6	Contingency	LS	\$0.00	\$232,551.25	\$0.00	\$231,275.00				
		Total		\$0.00	\$232,551.25	\$0.00	\$231,275.00				

25-0027-UT Water, Reclaimed Water and Well Repair & Improvements (GROUP D - Concrete Aprons, Sidewalk and Curb)				Applied Drilling Engineering, Inc.		Murphy Pipeline Contractors		Rowland DE LLC.		TLC Diversified, Inc.		
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
		GROUP D: CONC										
		Mobilization sha										
		Non-Emergency Mobilization/ Demobilization										
X	1a	including General Conditions and Traffic Control	40	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$240,000.00	
		Emergency Mobilization/ Demobilization including										
X	1b	General Conditions and Traffic Control	20	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,000.00	\$80,000.00	
X	2a	Milling Removal	2500	SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.00	\$70,000.00	
X	2b	Removal and Replacement of Concrete Apron	20000	SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$229.00	\$4,580,000.00	
X	2c	Removal and Replacement of Concrete Sidewalk	20000	SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$215.00	\$4,300,000.00	
		Remove and replace concrete curb and gutter (City)										
X	2d	Standard Detail Straight Curb)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$72.00	\$720,000.00	
		Remove and replace concrete curb and gutter (City)										
X	2e	Standard Detail Type I Curb)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$86.00	\$860,000.00	
X	2f	Remove and replace concrete curb and gutter (City)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$86.00	\$860,000.00	
		Standard Detail Valley Curb)										
X	2g	Remove and replace concrete curb and gutter (City)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57.00	\$570,000.00	
X	3a	Remove and Replace Limerock Base Only	1500	CY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$187,500.00	
X	3b	Remove and Replace Crushed Concrete Base Only	1500	CY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$187,500.00	
X	4a	Sodding	35000	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.75	\$61,250.00	
X	4b	Brush Removal	40	TON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$250.00	\$10,000.00	
X	4c	Tree protection	15	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300.00	\$4,500.00	
X	4d	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000.00	\$5,000.00	
X	4e	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$4,500.00	
X	4f	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,500.00	\$10,500.00	
X	4g	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$18,000.00	
		Total				\$0.00		\$0.00		\$0.00	\$12,768,750.00	

OWNER'S CONTINGENCY			Applied Drilling Engineer	Murphy Pipeline Contractor	Rowland DE LLC.	TLC Diversified, Inc.
Selected	Line Item	Description	Unit of Measure	Unit Cost	Unit Cost	Unit Cost
		GROUP D: Concrete Aprons, Sidewalk and Curb 10%				
X	5	Contingency	LS	\$0.00	\$0.00	\$1,276,875.00
		Total		\$0.00	\$0.00	\$1,276,875.00

25-0027-UT Water, Reclaimed Water and Well Repair & Improvements (GROUP E - Well Maintenance)				Applied Drilling Engineering, Inc.		Murphy Pipeline Contractors		Rowland DE LLC.		TLC Diversified, Inc.		
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
Mobilization sha PUMP REPAIR/R												
X	1a	Mobilization/Demobilization	15	EACH	\$3,000.00	\$45,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$90,000.00
X	1b	Remove & Reinstall Well Head & Pumping	15	EACH	\$1,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500.00	\$37,500.00
X	1c	Perform Pump Repair Well disinfection with a sodium hypochlorite solution following reinstallation of the pump, prior to electrical reconnection	150	HOUR	\$250.00	\$37,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$290.00	\$43,500.00
X	1d											
WELL ACIDIZATIK												
X	2a	Mobilization/Demobilization	15	EACH	\$3,000.00	\$45,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$90,000.00
X	2b	Perform Pre-acidizing Specific Capacity Test	15	EACH	\$1,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500.00	\$37,500.00
X	2c	Remove and Re-install Production Pump	15	EACH	\$5,000.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,730.00	\$115,950.00
X	2d	Provide & Install Acidization Well Head Flange Plate	15	EACH	\$5,000.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,730.00	\$115,950.00
X	2e	Provide 32 Percent Inhibited Hydrochloric Acid	4000	GALS	\$10.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.50	\$62,000.00
X	2f	Acidize Well	150	HOUR	\$250.00	\$37,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$290.00	\$43,500.00
X	2g	Provide and Set Test Pump and Pump Well	15	EACH	\$5,000.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,500.00	\$127,500.00
X	2h	Well Disinfection	15	EACH	\$2,700.00	\$40,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,275.00	\$64,125.00
WELL EVALUATIK												
X	3a	Mobilization/Demobilization	15	EACH	\$3,000.00	\$45,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$90,000.00
X	3b	Perform Specific Capacity Test with Production	15	EACH	\$1,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,545.00	\$23,175.00
X	3c	Set Test Pump & Perform Specific Capacity Test	15	EACH	\$3,500.00	\$52,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,410.00	\$81,150.00
X	3d	Remove & Reinstall Well Head & Pumping	15	EACH	\$5,000.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,730.00	\$115,950.00
X	3e	Provide & Install Test Pump for Geophysical Logging	15	EACH	\$3,500.00	\$52,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,400.00	\$81,000.00
X	3f	Perform Geophysical Logging	15	EACH	\$10,000.00	\$150,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,500.00	\$232,500.00
X	3g	Perform Video Survey	15	EACH	\$3,500.00	\$52,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,400.00	\$81,000.00
MECHANICAL INT												
X	4	Perform Mechanical Integrity Testing	10	EA	\$35,000.00	\$350,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54,150.00	\$541,500.00
ADDITIONAL/MI												
X	5a	Hourly Rate for Miscellaneous Services	100	HOUR	\$250.00	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$290.00	\$29,000.00
		Total				\$1,358,500.00			\$0.00			\$2,177,800.00

OWNER'S CONTINGENCY			Applied Drilling Engineering		Murphy Pipeline Contractor		Rowland DE LLC.		TLC Diversified, Inc.	
Selected	Line Item	Description	Unit of Measure	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	Unit Cost	
X	6	GROUP E: Well Maintenance 10% Contingency	LS	\$135,850.00	\$0.00	\$0.00	\$217,780.00			
		Total		\$135,850.00	\$0.00	\$0.00	\$217,780.00			