

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 - GROUP A											
	*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 Work	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	HOURL	\$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-l and LABOR HOUR											
X	4a	Foreman regular time	1500	HOURL	\$0.00	\$0.00	\$115.00	\$172,500.00	\$125.00	\$187,500.00	\$100.00	\$150,000.00
X	4b	Foreman overtime	200	HOURL	\$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	HOURL	\$0.00	\$0.00	\$64.90	\$129,800.00	\$110.00	\$220,000.00	\$65.00	\$130,000.00
X	4d	Operator overtime	200	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$0.00	\$0.00	\$55.65	\$111,300.00	\$95.00	\$190,000.00	\$60.00	\$120,000.00
X	4j	Laborer overtime	2000	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	\$2,250.00	\$1,740.00	\$5,220.00	\$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	SY	\$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	SY	\$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	SY	\$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 - Crosswalks (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	Pavement Marking - Dashed (White, Yellow, or 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 LAND											
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 (H											
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	\$470.00	\$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')	20	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')	50	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	\$73,100.00	\$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 10' to 15' and 15' to 20')												
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 FITTING												
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	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$16,500.00	\$33,000.00
X	14j	24" 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	14k	30" diameter	2	TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$16,000.00	\$32,000.00
X	14l	36" diameter	2	TON	\$0.00	\$0.00	\$30,375.00	\$60,750.00	\$42,000.00	\$84,000.00	\$15,800.00	\$31,600.00
PIPE BURSTING												

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	Furnish and Install 10" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	500 LF	\$0.00	\$0.00	\$220.22	\$110,110.00	\$178.00	\$89,000.00	\$150.00	\$75,000.00
X	17e	Furnish and Install 12" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$257.73	\$257,730.00	\$252.00	\$252,000.00	\$175.00	\$175,000.00
X	17f	Furnish and Install 16" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$347.27	\$347,270.00	\$409.00	\$409,000.00	\$180.00	\$180,000.00
X	17g	Furnish and Install 20" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$447.70	\$447,700.00	\$750.00	\$750,000.00	\$220.00	\$220,000.00
X	17h	Furnish and Install 24" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$605.00	\$605,000.00	\$821.00	\$821,000.00	\$300.00	\$300,000.00
X	17i	Furnish and Install 30" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000 LF	\$0.00	\$0.00	\$665.50	\$665,500.00	\$859.00	\$859,000.00	\$425.00	\$425,000.00
X	17j	Furnish and Install 36" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	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 4" 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 6" 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 8" 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 10" 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 12" 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 16" 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 20" 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 24" 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 30" 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 36" Restrained PVC by directional drill, DR 18 with Transitional Ends	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 T											
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 WATER MAIN												
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	\$11,616.00	\$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 VALVE												
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	\$66,240.00	\$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 VALVE												
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	\$15,500.00	\$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 JOI											
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	Furnish and Install 2" Service Connection (including brass ball valve to meter including meter box) and 3" 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 MJ											
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 M										
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
		Adjust Existing Manhole Frame and Cover (paved areas)									
X	33d	Adjust Existing Manhole Frame and Cover (unpaved 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	Replace Existing Manhole Frame and Cover (paved 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 (unpaved 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 SI										
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 - GROUP B											
	*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 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
		FDOT Index 603 - Two Lane Two Way Work within										
X	3c	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
		FDOT Index 604 - Two Lane Two Way - Intersection										
X	3d	Work	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
		FDOT Index 615 - Multilane Roadway - Intersection										
X	3f	Work	60	EA/DAY	\$0.00	\$0.00	\$1,980.00	\$118,800.00	\$0.00	\$0.00	\$1,600.00	\$96,000.00
		FDOT Index 620 - Multilane Roadway - Temporary										
X	3g	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	HOURL	\$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 EQUI											
	Bid Items 4a-I an											
	LABOR HOUR											
X	4a	Foreman regular time	1500	HOURL	\$0.00	\$0.00	\$115.00	\$172,500.00	\$0.00	\$0.00	\$100.00	\$150,000.00
X	4b	Foreman overtime	200	HOURL	\$0.00	\$0.00	\$172.50	\$34,500.00	\$0.00	\$0.00	\$150.00	\$30,000.00
X	4c	Operator regular time	2000	HOURL	\$0.00	\$0.00	\$64.90	\$129,800.00	\$0.00	\$0.00	\$65.00	\$130,000.00
X	4d	Operator overtime	200	HOURL	\$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	HOURL	\$0.00	\$0.00	\$67.85	\$67,850.00	\$0.00	\$0.00	\$65.00	\$65,000.00
X	4f	Truck Driver overtime	50	HOURL	\$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	HOURL	\$0.00	\$0.00	\$61.95	\$123,900.00	\$0.00	\$0.00	\$65.00	\$130,000.00
X	4h	Pipe Layer overtime	200	HOURL	\$0.00	\$0.00	\$92.40	\$18,480.00	\$0.00	\$0.00	\$88.00	\$17,600.00
X	4i	Laborer regular time	2000	HOURL	\$0.00	\$0.00	\$55.65	\$111,300.00	\$0.00	\$0.00	\$60.00	\$120,000.00
X	4j	Laborer overtime	2000	HOURL	\$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	\$850.00	\$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	HOURL	\$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	HOURL	\$0.00	\$0.00	\$35.125	\$52,687.50	\$0.00	\$0.00	\$60.00	\$90,000.00
X	5c	Tractor & Trailer (Transport)	200	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$0.00	\$0.00	\$218.75	\$164,062.50	\$0.00	\$0.00	\$130.00	\$97,500.00
X	5g	Rubber Tired Backhoe	25	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$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	HOURL	\$0.00	\$0.00	\$33.00	\$825.00	\$0.00	\$0.00	\$70.00	\$1,750.00
X	5l	Dump Truck (Tandem Axle)	750	HOURL	\$0.00	\$0.00	\$95.00	\$71,250.00	\$0.00	\$0.00	\$90.00	\$67,500.00
X	5m	Plate Tamp	250	HOURL	\$0.00	\$0.00	\$15.00	\$3,750.00	\$0.00	\$0.00	\$45.00	\$11,250.00
X	5n	3" Trash Pump	250	HOURL	\$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	HOURL	\$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	HOURL	\$0.00	\$0.00	\$35.00	\$3,500.00	\$0.00	\$0.00	\$35.00	\$3,500.00
X	5q	4" Jet Pump	25	DAY	\$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	HOURL	\$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	HOURL	\$0.00	\$0.00	\$900.00	\$22,500.00	\$0.00	\$0.00	\$420.00	\$10,500.00
X	5t	Street Sweeper	200	HOURL	\$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	HOURL	\$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 - Crosswalks (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)									
X	7l	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									
X	7p	Temporary Pavement Marking - Dashed (White, Yellow, or Double Yellow)	250 EA	\$0.00	\$0.00	\$125.00	\$31,250.00	\$0.00	\$0.00	\$75.00	\$18,750.00
		Temporary Pavement Marking - Solid White									
X	7q	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	\$1.25	\$312.50	\$0.00	\$0.00	\$7.00	\$1,750.00
X	7s	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	7t	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)									
X	7u	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
		Remove and replace concrete curb and gutter (FDOT Type E)									
X	7v	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)									
X	7w	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)									
X	11a	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
		4" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)									
X	11b	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
		6" Temporary HDPE Water Main (Including Tap Connections to Existing Main and Temporary Services)									
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									
		Furnish and Install 4" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
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
		Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
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
		Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
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
		Furnish and Install 10" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
X	12d	Furnish and Install 10" HDPE by directional drill, DR 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
		Furnish and Install 12" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
X	12e	Furnish and Install 12" HDPE by directional drill, DR 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
		Furnish and Install 16" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
X	12f	Furnish and Install 16" HDPE by directional drill, DR 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
		Furnish and Install 20" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
X	12g	Furnish and Install 20" HDPE by directional drill, DR 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
		Furnish and Install 24" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters									
X	12h	Furnish and Install 24" HDPE by directional drill, DR 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

X	12i	Furnish and Install 30" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000	LF	\$0.00	\$0.00	\$665.50	\$665,500.00	\$0.00	\$0.00	\$450.00	\$450,000.00
X	12j	Furnish and Install 36" HDPE by directional drill, DR 11 with Transitional Ends with MJ Adapters	1000	LF	\$0.00	\$0.00	\$1,000.00	\$1,000,000.00	\$0.00	\$0.00	\$625.00	\$625,000.00
X	12k	Furnish and Install 4" Restrained PVC by directional drill, DR 18 with Transitional Ends	4000	LF	\$0.00	\$0.00	\$160.00	\$640,000.00	\$0.00	\$0.00	\$110.00	\$440,000.00
X	12l	Furnish and Install 6" Restrained PVC by directional drill, DR 18 with Transitional Ends	4000	LF	\$0.00	\$0.00	\$160.00	\$640,000.00	\$0.00	\$0.00	\$125.00	\$500,000.00
X	12m	Furnish and Install 8" Restrained PVC by directional drill, DR 18 with Transitional Ends	4000	LF	\$0.00	\$0.00	\$192.00	\$768,000.00	\$0.00	\$0.00	\$150.00	\$600,000.00
X	12n	Furnish and Install 10" Restrained PVC by directional drill, DR 18 with Transitional Ends	2000	LF	\$0.00	\$0.00	\$224.00	\$448,000.00	\$0.00	\$0.00	\$190.00	\$380,000.00
X	12o	Furnish and Install 12" Restrained PVC by directional drill, DR 18 with Transitional Ends	4000	LF	\$0.00	\$0.00	\$272.00	\$1,088,000.00	\$0.00	\$0.00	\$200.00	\$800,000.00
X	12p	Furnish and Install 16" Restrained PVC by directional drill, DR 18 with Transitional Ends	2000	LF	\$0.00	\$0.00	\$480.00	\$960,000.00	\$0.00	\$0.00	\$225.00	\$450,000.00
X	12q	Furnish and Install 20" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000	LF	\$0.00	\$0.00	\$640.00	\$640,000.00	\$0.00	\$0.00	\$300.00	\$300,000.00
X	12r	Furnish and Install 24" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000	LF	\$0.00	\$0.00	\$800.00	\$800,000.00	\$0.00	\$0.00	\$350.00	\$350,000.00
X	12s	Furnish and Install 30" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000	LF	\$0.00	\$0.00	\$960.00	\$960,000.00	\$0.00	\$0.00	\$525.00	\$525,000.00
X	12t	Furnish and Install 36" Restrained PVC by directional drill, DR 18 with Transitional Ends	1000	LF	\$0.00	\$0.00	\$1,280.00	\$1,280,000.00	\$0.00	\$0.00	\$675.00	\$675,000.00
PIPE BURSTING												
X	13a	Furnish and Install 4" HDPE Perchlorinated Pipe Bursting, DR 11	5000	LF	\$0.00	\$0.00	\$115.00	\$575,000.00	\$0.00	\$0.00	\$268.00	\$1,340,000.00
X	13b	Furnish and Install 6" HDPE Perchlorinated Pipe Bursting, DR 11	5000	LF	\$0.00	\$0.00	\$135.00	\$675,000.00	\$0.00	\$0.00	\$300.00	\$1,500,000.00
X	13c	Furnish and Install 8" HDPE Perchlorinated Pipe Bursting, DR 11	5000	LF	\$0.00	\$0.00	\$170.00	\$850,000.00	\$0.00	\$0.00	\$315.00	\$1,575,000.00
X	13d	Furnish and Install 10" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00	\$175.00	\$87,500.00	\$0.00	\$0.00	\$325.00	\$162,500.00
X	13e	Furnish and Install 12" HDPE Perchlorinated Pipe Bursting, DR 11	2500	LF	\$0.00	\$0.00	\$185.00	\$462,500.00	\$0.00	\$0.00	\$355.00	\$887,500.00
X	13f	Furnish and Install 16" HDPE Perchlorinated Pipe Bursting, DR 11	1000	LF	\$0.00	\$0.00	\$220.00	\$220,000.00	\$0.00	\$0.00	\$400.00	\$400,000.00
X	13g	Furnish and Install 20" HDPE Perchlorinated Pipe Bursting, DR 11	1000	LF	\$0.00	\$0.00	\$270.00	\$270,000.00	\$0.00	\$0.00	\$475.00	\$475,000.00
X	13h	Furnish and Install 24" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00	\$290.00	\$145,000.00	\$0.00	\$0.00	\$575.00	\$287,500.00
X	13i	Furnish and Install 30" HDPE Perchlorinated Pipe Bursting, DR 11	500	LF	\$0.00	\$0.00	\$400.00	\$200,000.00	\$0.00	\$0.00	\$620.00	\$310,000.00
SLOPLINE HDPE TIE												
X	14a	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	\$0.00	\$0.00	\$100.00	\$100,000.00
X	14b	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	\$0.00	\$0.00	\$115.00	\$115,000.00
X	14c	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	\$0.00	\$0.00	\$125.00	\$125,000.00
X	14d	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	\$0.00	\$0.00	\$130.00	\$130,000.00
X	14e	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	\$0.00	\$0.00	\$140.00	\$140,000.00
X	14f	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	\$0.00	\$0.00	\$170.00	\$170,000.00
X	14g	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	\$0.00	\$0.00	\$195.00	\$195,000.00
X	14h	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	\$0.00	\$0.00	\$350.00	\$175,000.00
X	14i	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	\$0.00	\$0.00	\$425.00	\$212,500.00
JACK AND BORE												
X	15a	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	\$0.00	\$0.00	\$400.00	\$200,000.00
X	15b	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	\$0.00	\$0.00	\$425.00	\$212,500.00
X	15c	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	\$0.00	\$0.00	\$525.00	\$262,500.00
X	15d	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	\$0.00	\$0.00	\$540.00	\$405,000.00
X	15e	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	\$0.00	\$0.00	\$560.00	\$420,000.00
X	15f	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	\$0.00	\$0.00	\$720.00	\$540,000.00
X	15g	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	\$0.00	\$0.00	\$800.00	\$400,000.00
X	15h	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	\$652.50	\$195,750.00	\$0.00	\$0.00	\$900.00	\$270,000.00
X	15i	Furnish and Install 60" PVC or DI Pipe in 60" OD Steel Casing Pipe by Jack and Bore per city standard detail	150	LF	\$0.00	\$0.00	\$750.00	\$112,500.00	\$0.00	\$0.00	\$920.00	\$138,000.00
X	15j	Furnish and Install 42" PVC or DI Pipe in 60" OD Steel Casing Pipe by Jack and Bore per city standard detail	150	LF	\$0.00	\$0.00	\$875.00	\$131,250.00	\$0.00	\$0.00	\$1,000.00	\$150,000.00
PRESSURE PIPE (P)												

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 (h											
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	\$145.00	\$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 e											
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 FI											
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
APPURTENANCE/											
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 VALV											
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	4"	25 EA	\$0.00	\$0.00	\$5,194.00	\$129,850.00	\$0.00	\$0.00	\$6,000.00	\$150,000.00
X	23b	6"	25 EA	\$0.00	\$0.00	\$6,116.60	\$152,915.00	\$0.00	\$0.00	\$6,800.00	\$170,000.00
X	23c	8"	25 EA	\$0.00	\$0.00	\$7,758.80	\$193,970.00	\$0.00	\$0.00	\$7,500.00	\$187,500.00
X	23d	10"	10 EA	\$0.00	\$0.00	\$11,520.60	\$115,206.00	\$0.00	\$0.00	\$8,000.00	\$80,000.00
X	23e	12"	10 EA	\$0.00	\$0.00	\$14,379.40	\$143,794.00	\$0.00	\$0.00	\$12,500.00	\$125,000.00
X	23f	14"	3 EA	\$0.00	\$0.00	\$15,804.00	\$47,412.00	\$0.00	\$0.00	\$16,000.00	\$48,000.00

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	\$1,040,000.00
X	24b	6"	40 EA	\$0.00	\$0.00	\$5,348.75	\$213,950.00	\$0.00	\$0.00	\$27,000.00	\$1,080,000.00
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	\$20,980.80	\$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 JOI											
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 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	\$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	Furnish and Install 1-1/2" Service Connection (including brass ball valve to meter box) and 3" PVC 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 DI											
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

X	31c	Cleaning and Disinfection of 14" to 20" Potable 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 Water Main	5000 LF	\$0.00	\$0.00	\$28.00	\$140,000.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$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	\$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
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
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
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
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 SI											
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				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
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	\$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: ASPHALT											
	*Mobilization sh											
X	1a	Non-Emergency Mobilization/ Demobilization 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 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	2a	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	2b	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	2c	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	2d	Pavement	2000	SY	\$0.00	\$0.00	\$65.00	\$130,000.00	\$0.00	\$0.00	\$80.00	\$160,000.00
X	3a	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	3b	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 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 C: Asphalt Milling and Resurfacing 10%										
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											
X	1a	Non-Emergency Mobilization/ Demobilization including General Conditions and Traffic Control	40	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$240,000.00
X	1b	Emergency Mobilization/ Demobilization including General Conditions and Traffic Control	20	LS	\$0.00	\$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	\$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	\$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	\$0.00	\$215.00	\$4,300,000.00
		Remove and replace concrete curb and gutter (City Standard Detail Straight Curb)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$72.00	\$720,000.00
X	2d	Remove and replace concrete curb and gutter (City Standard Detail Type I Curb)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$86.00	\$860,000.00
X	2e	Remove and replace concrete curb and gutter (City Standard Detail Valley Curb)	10000	LF	\$0.00	\$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 Standard Detail Pin/Dowelled Curb)	10000	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57.00	\$570,000.00
X	2g	Remove and Replace Limerock Base Only	1500	CY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$187,500.00
X	3a	Remove and Replace Crushed Concrete Base Only	1500	CY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125.00	\$187,500.00
X	3b	Sodding	35000	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.75	\$61,250.00
X	4a	Brush Removal	40	TON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$250.00	\$10,000.00
X	4b	Tree protection	15	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300.00	\$4,500.00
X	4c	Tree Removal (<6" Trunk Diameter)	5	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000.00	\$5,000.00
X	4d	Tree Removal (6"-12" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$4,500.00
X	4e	Tree Removal (13"-18" Trunk Diameter)	3	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,500.00	\$10,500.00
X	4f	Tree Removal (>18" Trunk Diameter)	3	EA	\$0.00	\$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 Engineeri	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 D: Concrete Aprons, Sidewalk and Curb 10%						
X	5	Contingency	LS	\$0.00	\$0.00	\$0.00	\$1,276,875.00
		Total		\$0.00	\$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/RI											
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	150	HOUR	\$250.00	\$37,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$290.00	\$43,500.00
		Well disinfection with a sodium hypochlorite solution following reinstallation of the pump, prior to electrical reconnection										
X	1d		15	EACH	\$2,700.00	\$40,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$75,000.00
	WELL ACIDIZATIO											
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 EVALUATIO											
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/MIS											
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		\$0.00	\$2,177,800.00

OWNER'S CONTINGENCY				Applied Drilling Engineeri	Murphy Pipeline Contractor	Rowland DE LLC.	TLC Diversified, Inc.
Selected	Line Item	Description	Unit of Measure	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