

WATER MAIN=

PVC PIPE

24 C900 DR18 CL235 PVC GJ BLUE PIPE	2400	FT
12 C900 DR18 PVC GJ BLUE PIPE	100	FT
12GA 30MM 500 FT COP TRCR WIRE BLUE	3000	M
DRYCON YELL WP LUG 5 PC	1	EA
6X1000 WTR MAIN TAPE PSLUSD BLUE	3	EA

BELL JTS AS NEEDED!!!!!!

SOLID RING FOR
FOR NEW INSTALL!!!!

24 BELL REST F/ C905 PVC	56	EA
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DIRECTIONAL BORE===30X50 DIPS SDR11 HDPE PIPE BLUE	1180	c
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12GA 45MM 2500 FT COP TRCR WIRE BLU	2500	M
30 DIPS SDR11 MJ ADPT W/ ACC	2	EA
30X24 MJ C153 RED L/A	2	EA
24 MJ C153 45 BEND L/A	2	EA
24 PVC WDG REST *ONELOK W/A	6	EA

TIE INTO EXISTING 24" VLV=

24 PVC WDG REST "ONELOK W/A	1	EA
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PLANS SHOW

12X12 CUT IN MJ TEE==

12 MJ C153 TEE L/A	2	EA
12X12 MJ C153 LONG SLV L/A	2	EA
12 PVC WDG REST "ONELOK W/A	10	EA

12" GATE VLV=

12 DI MJ RW OL SS STEM VLV L/A	4	EA
18-24 SCRW VLV BX TRI SKIRT 4 WTR	4	EA
3 BRS VLV ID TAG	4	EA
SNAKEPIT ROADWAY BX BLUE	4	EA
PVC PIPE ADPT F/ AFC 10 - 12 *Z	4	EA
4 1403-XR BALL MRKR WTR	4	EA
24" GATE VLV W/ GEAR==		
24 DI MJ RW OL GATE VLV L/A W/ BG PER PSL SPEC	5	EA

18-24 SCRW VLV BX TRI SKIRT 4 WTR	5	EA
3 BRS VLV ID TAG	5	EA
SNAKEPIT ROADWAY BX BLUE	5	EA
PVC PIPE ADPT F/ AFC 10 - 12 *Z	5	EA
4 1403-XR BALL MRKR WTR	5	EA
24 PVC WDG REST *ONELOK W/A	10	EA

WTR MJ FITTINGS==

24 X 12 MJ C153 CRS L/A	1	EA
24 MJ C153 90 BEND L/A	2	EA
24 MJ C153 22-1/2 BEND L/A	2	EA
24 MJ C153 11-1/4 BEND L/A	5	EA
12 MJ C153 90 BEND L/A	1	EA
12 PVC WDG REST *ONELOK W/A	2	EA
24 PVC WDG REST *ONELOK W/A	26	EA

24X2 ARV ASSEMB=

AS NEEDED=

24X2 IP DBL SS STRP NYL SDL 25.90	1	EA
LF 2 MIP X CTS GRIP BALL CORP ST	1	EA
LF 2 CTS GJ COMP 90 BEND	1	EA
LF 2 MIP X CTS GRIP COMP COUP	3	EA
2 CTS PET INS STFNR	6	EA
2 DI THRD RW OL SS STEM VLV L/A	1	EA
18-24 SCRW VLV BX TRI SKIRT 4 WTR	1	EA
3 BRS VLV ID TAG	1	EA
SNAKEPIT ROADWAY BX BLUE	1	EA
PVC PIPE ADPT F/ AFC 3 - 8 "Z	1	EA
4 1403-XR BALL MRKR WTR	1	EA
LF 2 BRS 90 ELL	1	EA
LF 2X24 BRS NIP GBL	1	EA
LF 2 FIP X FIP BALL CURB ST LW	1	EA
2 COMB AIR RELEASE VLV	1	EA
AIR VLV HOUSING SPH142006C1B5L08A27	1	EA

24X12 MJ C153 RED L/A	2	EA
12X4 SEMJ C153 RED L/A	2	EA
24 PVC WDG REST *ONELOK W/A	2	EA
12 DI WDG REST *ONELOK W/A	2	EA
4 DI WDG REST *ONELOK W/A	2	EA
4 DI MJ RW OL SS STEM VLV L/A	2	EA
18-24 SCRW VLV BX TRI SKIRT 4 WTR	2	EA

3 BRS VLV ID TAG	2	EA
SNAKEPIT ROADWAY BX BLUE	2	EA
PVC PIPE ADPT F/ AFC 3 - 8 "Z	2	EA
4 1403-XR BALL MRKR WTR	2	EA
4 DI WDG REST *ONELOK W/A	4	EA

4 CL350 CL DI FASTITE PIPE	20	FT
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4 MJ C153 90 BEND L/A	2	EA
4 DI WDG REST *ONELOK W/A	4	EA
4X6'0 FLGXPE CL BT DI SPL	2	EA
4 DI 125# C110 FLG 90 BEND	2	EA
4 DI FLG RW OL GATE VLV	2	EA
4 316 SS 150# NEOP FF 1/8 FLG PKG	8	EA
4X1 IP DBL SS STRP NYL SDL	1	EA
LF 1X3 BRS NIP GBL	1	EA
LF 1 BRS 600# WOG THRD 2PC FP BV	1	EA
4X1 IP DBL SS STRP NYL SDL	2	EA
LF 1X1/4 BRS BUSH	2	EA
LFNP 1/4 MNPT TEST COCK 4 PK	2	EA
LFN LIQ 2-1/2 STL BR GA 0-300 1/4 M	2	EA

PLUGS IF NEEDED

4 MJ C153 SLD PLUG	4	EA
4 MJ C153 BLT GSKT PK L/ GLAND	4	EA

METER & RPZ BY CITY PER

PER DETAIL G-14

	4	EA
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24X2BLOWOFF==

2" BLOWOFFASSY- PSL	1	EA
24X2 MJ C153 TAP CAP L/A	1	EA
24 PVC WDG REST *ONELOK W/A	1	EA

LF 2 MIP X FIP BALL CORP	1	EA
LF 2X12 BRS NIP GBL	1	EA
LF 2 BRS 90 ELL	1	EA
LF 2X30 BRS NIP GBL	1	EA
LF 2 FIP X MTR FLG ANG BV LW	1	EA
5/8X3 SS H/HEAD BLT	2	EA
5/8 SS 304 HEX NUT	2	EA
LF 2 FLG X 2 FIP BRZ MTR FLG	1	EA
LF 2 BRS ST 90 ELL	1	EA
LF 2 BRS SQ HD CORED PLUG	1	EA
#3 VLV BX W/ WTR LID	1	EA

Ebid Tabulation
E-Bid # 20230018
Cost Work Sheet

Materials Purchase for the Paar Dr. 24" Water Main Extension

Item	Item Description	Quan	Units	ISCO INDUSTRIES		EMPIRE PIPE		FERGUSON ENTERPRISE		CORE & MAIN		FORTILINE WATERWORKS	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	24" C900 DR18 PVC Pipe	2440	LF	\$0.00	\$0.00	\$10.03	\$24,473.20	\$170.00	\$414,800.00	\$171.50	\$418,460.00	\$197.00	\$480,680.00
2	12" C900 DR18 PVC Pipe	120	LF	\$0.00	\$0.00	\$2.86	\$343.20	\$49.00	\$5,880.00	\$51.75	\$6,210.00	\$50.26	\$6,031.20
3	30" DIPS DR11 HDPE	1180	LF	\$162.80	\$192,104.00	\$3.56	\$4,200.80	\$172.00	\$202,960.00	\$165.50	\$195,290.00	\$187.00	\$220,660.00
4	30" DIPS DR11 MJ Adapter w/ Accessories Set	2	EA	\$4,205.00	\$8,410.00	NO BID	NO BID	\$4,585.00	\$9,170.00	\$4,118.00	\$8,236.00	\$3,944.00	\$7,888.00
5	Tracer Wire HDD - 2500 LF Roll	1	EA	\$925.00	\$925.00	\$897.54	\$897.54	\$334.00	\$334.00	\$650.00	\$650.00	\$520.00	\$520.00
6	Tracer Wire Open Cut - 500 LF Roll	6	EA	\$185.00	\$1,110.00	\$113.59	\$681.54	\$210.00	\$1,260.00	\$125.00	\$750.00	\$150.00	\$900.00
7	Tracer Wire Connectors - 5 Piece	2	EA	\$0.00	\$0.00	\$8.44	\$16.88	\$36.80	\$73.60	\$7.50	\$15.00	\$13.00	\$26.00
8	Pipe Marking Tape	3	EA	\$0.00	\$0.00	\$38.46	\$115.38	\$47.00	\$141.00	\$65.00	\$195.00	\$75.00	\$225.00
9	24" Bell Restraint	56	EA	\$0.00	\$0.00	\$1,583.14	\$88,655.84	\$299.60	\$16,777.60	\$940.00	\$52,640.00	\$2,575.00	\$144,200.00
10	12" Bell Restraint	2	EA	\$0.00	\$0.00	\$250.00	\$500.00	\$168.73	\$337.46	\$180.00	\$360.00	\$519.00	\$1,038.00
11	24" Gate Valve - Bevel Gear Actuator	5	EA	\$0.00	\$0.00	\$19,321.25	\$96,606.25	\$19,500.00	\$97,500.00	\$17,200.00	\$86,000.00	\$30,430.00	\$152,150.00
12	12" Gate Valve	4	EA	\$0.00	\$0.00	\$3,049.80	\$12,199.20	\$2,685.00	\$10,740.00	\$2,500.00	\$10,000.00	\$2,877.00	\$11,508.00
13	24" Wedge Restraint w/ Accessories Set	10	EA	\$0.00	\$0.00	\$1,136.61	\$11,366.10	\$460.00	\$4,600.00	\$495.00	\$4,950.00	\$511.00	\$5,110.00
14	12" Wedge Restraint w/ Accessories Set	8	EA	\$0.00	\$0.00	\$303.30	\$2,426.40	\$140.48	\$1,123.84	\$150.00	\$1,200.00	\$144.00	\$1,152.00
15	Valve Box	9	EA	\$0.00	\$0.00	\$176.25	\$1,586.25	\$160.00	\$1,440.00	\$200.00	\$1,800.00	\$150.00	\$1,350.00
16	Valve Box Adapter	9	EA	\$0.00	\$0.00	\$36.20	\$325.80	\$43.50	\$391.50	\$60.00	\$540.00	\$30.00	\$270.00
17	Bronze Valve Marker	9	EA	\$0.00	\$0.00	\$16.50	\$148.50	\$20.00	\$180.00	\$22.00	\$198.00	\$30.50	\$274.50
18	Tracer Wire Test Port	9	EA	\$0.00	\$0.00	\$82.19	\$739.71	\$75.00	\$675.00	\$85.00	\$765.00	\$75.00	\$675.00
19	Marker Ball	9	EA	\$0.00	\$0.00	\$1.74	\$15.66	\$13.00	\$117.00	\$15.00	\$135.00	\$23.50	\$211.50
20	30" x 24" MJ C153 Reducer	2	EA	\$0.00	\$0.00	\$5,651.19	\$11,302.38	\$4,968.00	\$9,936.00	\$5,500.00	\$11,000.00	\$5,318.76	\$10,637.52
21	24" x 12" MJ C153 Cross	1	EA	\$0.00	\$0.00	\$3,178.31	\$3,178.31	\$4,192.80	\$4,192.80	\$4,650.00	\$4,650.00	\$11,523.53	\$11,523.53
22	24" x 12" MJ C153 Tee	2	EA	\$0.00	\$0.00	\$5,423.28	\$10,846.56	\$4,765.00	\$9,530.00	\$5,200.00	\$10,400.00	\$5,104.26	\$10,208.52
23	24" MJ C153 45 Bend	4	EA	\$0.00	\$0.00	\$2,514.13	\$10,056.52	\$2,210.20	\$8,840.80	\$2,450.00	\$9,800.00	\$2,366.24	\$9,464.96
24	24" MJ C153 22.5 Bend	2	EA	\$0.00	\$0.00	\$2,424.75	\$4,849.50	\$2,131.65	\$4,263.30	\$2,360.00	\$4,720.00	\$2,282.12	\$4,564.24
25	24" MJ C153 11.25 Bend	5	EA	\$0.00	\$0.00	\$2,231.70	\$11,158.50	\$1,961.93	\$9,809.65	\$2,150.00	\$10,750.00	\$2,100.42	\$10,502.10
26	24" MJ C153 Sleeve	1	EA	\$0.00	\$0.00	\$1,683.83	\$1,683.83	\$1,944.65	\$1,944.65	\$2,150.00	\$2,150.00	\$2,081.92	\$2,081.92
27	24" MJ C153 Cap	1	EA	\$0.00	\$0.00	\$1,312.93	\$1,312.93	\$1,154.22	\$1,154.22	\$1,280.00	\$1,280.00	\$1,235.69	\$1,235.69
28	12" x 12" MJ C153 Tee	2	EA	\$0.00	\$0.00	\$973.30	\$1,946.60	\$718.15	\$1,436.30	\$795.00	\$1,590.00	\$768.84	\$1,537.68
29	12" MJ C153 90 Bend	1	EA	\$0.00	\$0.00	\$635.46	\$635.46	\$558.65	\$558.65	\$620.00	\$620.00	\$598.08	\$598.08
30	12" MJ C153 Sleeve	2	EA	\$0.00	\$0.00	\$250.25	\$500.50	\$351.22	\$702.44	\$390.00	\$780.00	\$376.01	\$752.02
31	12" MJ C153 Cap	2	EA	\$0.00	\$0.00	\$201.99	\$403.98	\$177.60	\$355.20	\$197.00	\$394.00	\$190.11	\$380.22
32	24" Wedge Restraint w/ Accessories Set	33	EA	\$0.00	\$0.00	\$1,136.61	\$37,508.13	\$460.00	\$15,180.00	\$495.00	\$16,335.00	\$692.00	\$22,836.00
33	12" Wedge Restraint w/ Accessories Set	18	EA	\$0.00	\$0.00	\$303.30	\$5,459.40	\$140.48	\$2,528.64	\$150.00	\$2,700.00	\$213.53	\$3,843.54
34	Marker Ball	23	EA	\$0.00	\$0.00	\$0.69	\$15.87	\$13.00	\$299.00	\$15.00	\$345.00	\$23.50	\$540.50
35	Automatic Air Release Valve for Water Main per	2	EA	\$0.00	\$0.00	\$4,315.60	\$8,631.20	\$3,007.93	\$6,015.86	\$3,940.50	\$7,881.00	\$4,062.50	\$8,125.00
36	Blow-Off Assembly per Detail W-04 less valve	3	EA	\$0.00	\$0.00	\$1,794.10	\$5,382.30	\$708.66	\$2,125.98	\$1,534.00	\$4,602.00	\$822.00	\$2,466.00
37	Jumper Assembly per Detail G-14	1	EA	\$0.00	\$0.00	\$46,942.20	\$46,942.20	\$58,407.32	\$58,407.32	\$48,177.50	\$48,177.50	\$34,091.82	\$34,091.82
	Total				\$202,549.00		\$407,112.42		\$905,781.81		\$926,568.50		\$1,170,258.54
	Copy of current insurance				NO		YES		YES		YES		YES
	Submitted all required forms				NO		YES		YES		YES		YES
	Submitted cone of silence form				NO		YES		YES		YES		YES
	Submitted the vendor code of ethics				NO		YES		YES		YES		YES

FORTILINE CAN ONLY SUPPLY 1000' NOT THE 2500' THAT YOU REQUESTED.

*** Empire Pipe are disqualified ,they quoted wrong pricing on line 1 and 3 but could not protect.