

**General Info**  
**Number:** 19385R1 DOC Mechanical Room Valves and Piping-JHCC  
**Description:** 19385R1 DOC Mechanical Room Valves and Piping-JHCC-Lexington, OK  
**Deadline:** 2019-12-19 20:00:00 UTC  
**Electronic Signature:** Yes

**Manual Bids**

Business	Bid Total
AIR ENGINEERING	\$2,435,029.00
JACKSON MECHANICAL SERVICE	\$1,903,845.00

**Electronic Bids**

Business	Bid Total
Federal Constructors, Inc.	\$2,144,500.00

**FEDERAL CONSTRUCTORS**

**BID FORM-UNIT PRICE SHEET (PIPING INSTALLATION-EXTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$53.00	\$53.00
1" Straight Pipe	\$/LF	1.00	no	no	no	\$58.00	\$58.00
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$62.00	\$62.00
2" Straight Pipe	\$/LF	1.00	no	no	no	\$64.00	\$64.00
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$228.00	\$228.00
3" Straight Pipe	\$/LF	1.00	no	no	no	\$246.00	\$246.00
4" Straight Pipe	\$/LF	1.00	no	no	no	\$429.00	\$429.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$591.00	\$591.00
8" Straight Pipe	\$/LF	1.00	no	no	no	\$738.00	\$738.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$889.00	\$889.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$1,480.00	\$1,480.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$49.00	\$49.00
1" Elbow	\$/EA	1.00	no	no	no	\$63.00	\$63.00
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$72.00	\$72.00
2" Elbow	\$/EA	1.00	no	no	no	\$96.00	\$96.00
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$447.00	\$447.00
3" Elbow	\$/EA	1.00	no	no	no	\$462.00	\$462.00
4" Elbow	\$/EA	1.00	no	no	no	\$894.00	\$894.00
6" Elbow	\$/EA	1.00	no	no	no	\$1,620.00	\$1,620.00
8" Elbow	\$/EA	1.00	no	no	no	\$1,967.00	\$1,967.00
10" Elbow	\$/EA	1.00	no	no	no	\$2,390.00	\$2,390.00
12" Elbow	\$/EA	1.00	no	no	no	\$3,765.00	\$3,765.00
3/4" TEE	\$/EA	1.00	no	no	no	\$172.00	\$172.00
1" TEE	\$/EA	1.00	no	no	no	\$188.00	\$188.00
1-1/2" TEE	\$/EA	1.00	no	no	no	\$223.00	\$223.00
2" TEE	\$/EA	1.00	no	no	no	\$249.00	\$249.00
2-1/2" TEE	\$/EA	1.00	no	no	no	\$721.00	\$721.00
3" TEE	\$/EA	1.00	no	no	no	\$790.00	\$790.00
4" TEE	\$/EA	1.00	no	no	no	\$1,392.00	\$1,392.00
6" TEE	\$/EA	1.00	no	no	no	\$1,640.00	\$1,640.00
8" TEE	\$/EA	1.00	no	no	no	\$1,846.00	\$1,846.00
10" TEE	\$/EA	1.00	no	no	no	\$1,920.00	\$1,920.00
12" TEE	\$/EA	1.00	no	no	no	\$3,840.00	\$3,840.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$68.00	\$68.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$82.00	\$82.00
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$174.00	\$174.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$220.00	\$220.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$648.00	\$648.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$790.00	\$790.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$1,390.00	\$1,390.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$2,320.00	\$2,320.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$3,310.00	\$3,310.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$4,670.00	\$4,670.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$6,640.00	\$6,640.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$230.00	\$230.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$260.00	\$260.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$290.00	\$290.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$348.00	\$348.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$340.00	\$340.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$380.00	\$380.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$440.00	\$440.00
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$735.00	\$735.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,280.00	\$1,280.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$2,430.00	\$2,430.00

12" B'Fly Valve	\$/EA	1.00	no	no	no	\$2,850.00	\$2,850.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$320.00	\$320.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$380.00	\$380.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$520.00	\$520.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$760.00	\$760.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$1,020.00	\$1,020.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$1,190.00	\$1,190.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$1,720.00	\$1,720.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$2,635.00	\$2,635.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$4,320.00	\$4,320.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$7,460.00	\$7,460.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$1,390.00	\$1,390.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$2,809.00	\$2,809.00
1" Check Valve	\$/EA	1.00	no	no	no	\$325.00	\$325.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$510.00	\$510.00
2" Check Valve	\$/EA	1.00	no	no	no	\$690.00	\$690.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$840.00	\$840.00
3" Check Valve	\$/EA	1.00	no	no	no	\$920.00	\$920.00
4" Check Valve	\$/EA	1.00	no	no	no	\$1,390.00	\$1,390.00
6" Check Valve	\$/EA	1.00	no	no	no	\$1,965.00	\$1,965.00
8" Check Valve	\$/EA	1.00	no	no	no	\$4,320.00	\$4,320.00
10" Check Valve	\$/EA	1.00	no	no	no	\$5,770.00	\$5,770.00
12" Check Valve	\$/EA	1.00	no	no	no	\$9,825.00	\$9,825.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$180.00	\$180.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$190.00	\$190.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$210.00	\$210.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$245.00	\$245.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$390.00	\$390.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$410.00	\$410.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$578.00	\$578.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$924.00	\$924.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$1,865.00	\$1,865.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$3,490.00	\$3,490.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$5,180.00	\$5,180.00
<b>Total:</b>							<b>\$124,280.00</b>

### BID FORM-UNIT PRICE SHEET (PIPING INSTALLATION-INTERIOR WORK)

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$33.00	\$33.00
1" Straight Pipe	\$/LF	1.00	no	no	no	\$36.00	\$36.00
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$41.00	\$41.00
2" Straight Pipe	\$/LF	1.00	no	no	no	\$48.00	\$48.00
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$170.00	\$170.00
3" Straight Pipe	\$/LF	1.00	no	no	no	\$175.00	\$175.00
4" Straight Pipe	\$/LF	1.00	no	no	no	\$367.00	\$367.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$520.00	\$520.00
8" Straight Pipe	\$/LF	1.00	no	no	no	\$610.00	\$610.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$895.00	\$895.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$1,255.00	\$1,255.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$72.00	\$72.00
1" Elbow	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$84.00	\$84.00
2" Elbow	\$/EA	1.00	no	no	no	\$92.00	\$92.00
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$345.00	\$345.00
3" Elbow	\$/EA	1.00	no	no	no	\$369.00	\$369.00
4" Elbow	\$/EA	1.00	no	no	no	\$670.00	\$670.00
6" Elbow	\$/EA	1.00	no	no	no	\$1,205.00	\$1,205.00
8" Elbow	\$/EA	1.00	no	no	no	\$1,780.00	\$1,780.00
10" Elbow	\$/EA	1.00	no	no	no	\$1,910.00	\$1,910.00
12" Elbow	\$/EA	1.00	no	no	no	\$4,670.00	\$4,670.00
3/4" TEE	\$/EA	1.00	no	no	no	\$132.00	\$132.00
1" TEE	\$/EA	1.00	no	no	no	\$149.00	\$149.00
1-1/2" TEE	\$/EA	1.00	no	no	no	\$160.00	\$160.00
2" TEE	\$/EA	1.00	no	no	no	\$174.00	\$174.00
2-1/2" TEE	\$/EA	1.00	no	no	no	\$478.00	\$478.00
3" TEE	\$/EA	1.00	no	no	no	\$630.00	\$630.00
4" TEE	\$/EA	1.00	no	no	no	\$910.00	\$910.00
6" TEE	\$/EA	1.00	no	no	no	\$1,740.00	\$1,740.00
8" TEE	\$/EA	1.00	no	no	no	\$2,230.00	\$2,230.00
10" TEE	\$/EA	1.00	no	no	no	\$6,892.00	\$6,892.00
12" TEE	\$/EA	1.00	no	no	no	\$7,740.00	\$7,740.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$110.00	\$110.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$115.00	\$115.00
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$230.00	\$230.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$328.00	\$328.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$490.00	\$490.00

3" Ball Valve	\$/EA	1.00	no	no	no	\$670.00	\$670.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$1,190.00	\$1,190.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$1,840.00	\$1,840.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$2,450.00	\$2,450.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$3,660.00	\$3,660.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$5,200.00	\$5,200.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$230.00	\$230.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$240.00	\$240.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$270.00	\$270.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$285.00	\$285.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$295.00	\$295.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$320.00	\$320.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$385.00	\$385.00
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$610.00	\$610.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,290.00	\$1,290.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,730.00	\$1,730.00
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$2,220.00	\$2,220.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$390.00	\$390.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$520.00	\$520.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$640.00	\$640.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$895.00	\$895.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$1,080.00	\$1,080.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$1,290.00	\$1,290.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$1,630.00	\$1,630.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$2,340.00	\$2,340.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$3,960.00	\$3,960.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$5,780.00	\$5,780.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$8,940.00	\$8,940.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$392.00	\$392.00
1" Check Valve	\$/EA	1.00	no	no	no	\$445.00	\$445.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$620.00	\$620.00
2" Check Valve	\$/EA	1.00	no	no	no	\$875.00	\$875.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$910.00	\$910.00
3" Check Valve	\$/EA	1.00	no	no	no	\$972.00	\$972.00
4" Check Valve	\$/EA	1.00	no	no	no	\$1,290.00	\$1,290.00
6" Check Valve	\$/EA	1.00	no	no	no	\$1,960.00	\$1,960.00
8" Check Valve	\$/EA	1.00	no	no	no	\$3,340.00	\$3,340.00
10" Check Valve	\$/EA	1.00	no	no	no	\$5,300.00	\$5,300.00
12" Check Valve	\$/EA	1.00	no	no	no	\$7,640.00	\$7,640.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$180.00	\$180.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$195.00	\$195.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$214.00	\$214.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$265.00	\$265.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$380.00	\$380.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$478.00	\$478.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$782.00	\$782.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$1,330.00	\$1,330.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$1,820.00	\$1,820.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$2,745.00	\$2,745.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$5,170.00	\$5,170.00
<b>Total:</b>							<b>\$125,586.00</b>

**BID FORM-UNIT PRICE SHEET (INSULATION INSTALLATION-EXTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$29.00	\$29.00
1" Straight Pipe	\$/LF	1.00	no	no	no	\$31.00	\$31.00
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$32.00	\$32.00
2" Straight Pipe	\$/LF	1.00	no	no	no	\$34.00	\$34.00
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$41.00	\$41.00
3" Straight Pipe	\$/LF	1.00	no	no	no	\$41.00	\$41.00
4" Straight Pipe	\$/LF	1.00	no	no	no	\$45.00	\$45.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$68.00	\$68.00
8" Straight Pipe	\$/LF	1.00	no	no	no	\$91.00	\$91.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$109.00	\$109.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$132.00	\$132.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$55.00	\$55.00
1" Elbow	\$/EA	1.00	no	no	no	\$60.00	\$60.00
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$66.00	\$66.00
2" Elbow	\$/EA	1.00	no	no	no	\$71.00	\$71.00
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$78.00	\$78.00
3" Elbow	\$/EA	1.00	no	no	no	\$82.00	\$82.00
4" Elbow	\$/EA	1.00	no	no	no	\$95.00	\$95.00
6" Elbow	\$/EA	1.00	no	no	no	\$104.00	\$104.00
8" Elbow	\$/EA	1.00	no	no	no	\$138.00	\$138.00
10" Elbow	\$/EA	1.00	no	no	no	\$159.00	\$159.00
12" Elbow	\$/EA	1.00	no	no	no	\$192.00	\$192.00
3/4" TEE	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" TEE	\$/EA	1.00	no	no	no	\$84.00	\$84.00
1-1/2" TEE	\$/EA	1.00	no	no	no	\$92.00	\$92.00
2" TEE	\$/EA	1.00	no	no	no	\$98.00	\$98.00
2-1/2" TEE	\$/EA	1.00	no	no	no	\$105.00	\$105.00
3" TEE	\$/EA	1.00	no	no	no	\$108.00	\$108.00
4" TEE	\$/EA	1.00	no	no	no	\$128.00	\$128.00
6" TEE	\$/EA	1.00	no	no	no	\$156.00	\$156.00
8" TEE	\$/EA	1.00	no	no	no	\$178.00	\$178.00
10" TEE	\$/EA	1.00	no	no	no	\$210.00	\$210.00
12" TEE	\$/EA	1.00	no	no	no	\$246.00	\$246.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$85.00	\$85.00
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$94.00	\$94.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$102.00	\$102.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$128.00	\$128.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$145.00	\$145.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$178.00	\$178.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$292.00	\$292.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$468.00	\$468.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$824.00	\$824.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$990.00	\$990.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$92.00	\$92.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$103.00	\$103.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$139.00	\$139.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$168.00	\$168.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$194.00	\$194.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$287.00	\$287.00
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$432.00	\$432.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$440.00	\$440.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$568.00	\$568.00
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$679.00	\$679.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$110.00	\$110.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$122.00	\$122.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$135.00	\$135.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$163.00	\$163.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$171.00	\$171.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$224.00	\$224.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$261.00	\$261.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$298.00	\$298.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$326.00	\$326.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$370.00	\$370.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$421.00	\$421.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$75.00	\$75.00
1" Check Valve	\$/EA	1.00	no	no	no	\$82.00	\$82.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$90.00	\$90.00
2" Check Valve	\$/EA	1.00	no	no	no	\$98.00	\$98.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$145.00	\$145.00
3" Check Valve	\$/EA	1.00	no	no	no	\$165.00	\$165.00
4" Check Valve	\$/EA	1.00	no	no	no	\$230.00	\$230.00
6" Check Valve	\$/EA	1.00	no	no	no	\$264.00	\$264.00
8" Check Valve	\$/EA	1.00	no	no	no	\$322.00	\$322.00
10" Check Valve	\$/EA	1.00	no	no	no	\$378.00	\$378.00

12" Check Valve	\$/EA	1.00	no	no	no	\$465.00	\$465.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$85.00	\$85.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$95.00	\$95.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$105.00	\$105.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$150.00	\$150.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$180.00	\$180.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$210.00	\$210.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$235.00	\$235.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$290.00	\$290.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$475.00	\$475.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$640.00	\$640.00

**Total:** \$17,258.00

**BID FORM-UNIT PRICE SHEET (INSULATION INSTALLATION-INTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$29.00	\$29.00
1" Straight Pipe	\$/LF	1.00	no	no	no	\$31.00	\$31.00
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$32.00	\$32.00
2" Straight Pipe	\$/LF	1.00	no	no	no	\$34.00	\$34.00
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$41.00	\$41.00
3" Straight Pipe	\$/LF	1.00	no	no	no	\$41.00	\$41.00
4" Straight Pipe	\$/LF	1.00	no	no	no	\$45.00	\$45.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$68.00	\$68.00
8" Straight Pipe	\$/LF	1.00	no	no	no	\$91.00	\$91.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$109.00	\$109.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$132.00	\$132.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$55.00	\$55.00
1" Elbow	\$/EA	1.00	no	no	no	\$60.00	\$60.00
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$66.00	\$66.00
2" Elbow	\$/EA	1.00	no	no	no	\$71.00	\$71.00
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$78.00	\$78.00
3" Elbow	\$/EA	1.00	no	no	no	\$82.00	\$82.00
4" Elbow	\$/EA	1.00	no	no	no	\$95.00	\$95.00
6" Elbow	\$/EA	1.00	no	no	no	\$104.00	\$104.00
8" Elbow	\$/EA	1.00	no	no	no	\$138.00	\$138.00
10" Elbow	\$/EA	1.00	no	no	no	\$159.00	\$159.00
12" Elbow	\$/EA	1.00	no	no	no	\$192.00	\$192.00
3/4" TEE	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" TEE	\$/EA	1.00	no	no	no	\$84.00	\$84.00
1-1/2" TEE	\$/EA	1.00	no	no	no	\$92.00	\$92.00
2" TEE	\$/EA	1.00	no	no	no	\$98.00	\$98.00
2-1/2" TEE	\$/EA	1.00	no	no	no	\$105.00	\$105.00
3" TEE	\$/EA	1.00	no	no	no	\$108.00	\$108.00
4" TEE	\$/EA	1.00	no	no	no	\$128.00	\$128.00
6" TEE	\$/EA	1.00	no	no	no	\$156.00	\$156.00
8" TEE	\$/EA	1.00	no	no	no	\$178.00	\$178.00
10" TEE	\$/EA	1.00	no	no	no	\$210.00	\$210.00
12" TEE	\$/EA	1.00	no	no	no	\$246.00	\$246.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$85.00	\$85.00
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$94.00	\$94.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$102.00	\$102.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$128.00	\$128.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$145.00	\$145.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$178.00	\$178.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$292.00	\$292.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$468.00	\$468.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$824.00	\$824.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$990.00	\$990.00

3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$92.00	\$92.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$103.00	\$103.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$139.00	\$139.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$168.00	\$168.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$194.00	\$194.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$287.00	\$287.00
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$432.00	\$432.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$440.00	\$440.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$568.00	\$568.00
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$679.00	\$679.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$110.00	\$110.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$122.00	\$122.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$135.00	\$135.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$163.00	\$163.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$171.00	\$171.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$224.00	\$224.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$261.00	\$261.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$298.00	\$298.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$326.00	\$326.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$370.00	\$370.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$421.00	\$421.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$75.00	\$75.00
1" Check Valve	\$/EA	1.00	no	no	no	\$82.00	\$82.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$90.00	\$90.00
2" Check Valve	\$/EA	1.00	no	no	no	\$98.00	\$98.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$145.00	\$145.00
3" Check Valve	\$/EA	1.00	no	no	no	\$165.00	\$165.00
4" Check Valve	\$/EA	1.00	no	no	no	\$230.00	\$230.00
6" Check Valve	\$/EA	1.00	no	no	no	\$264.00	\$264.00
8" Check Valve	\$/EA	1.00	no	no	no	\$322.00	\$322.00
10" Check Valve	\$/EA	1.00	no	no	no	\$378.00	\$378.00
12" Check Valve	\$/EA	1.00	no	no	no	\$465.00	\$465.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$78.00	\$78.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$85.00	\$85.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$95.00	\$95.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$105.00	\$105.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$150.00	\$150.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$180.00	\$180.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$210.00	\$210.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$235.00	\$235.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$290.00	\$290.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$475.00	\$475.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$640.00	\$640.00
<b>Total:</b>							\$17,258.00

### BID FORM-UNIT PRICE SHEET (OTHER ITEMS)

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
Concrete Sidewalk Paving	\$/SF	1.00	no	no	no	\$12.00	\$12.00
Concrete Roadway Paving	\$/SF	1.00	no	no	no	\$23.00	\$23.00
Concrete Interior Surface	\$/SF	1.00	no	no	no	\$14.00	\$14.00
Concrete Pads and Foundations	\$/CU. YD.	1.00	no	no	no	\$710.00	\$710.00
Extra Sod/Grass	\$/SQ. YD.	1.00	no	no	no	\$7.00	\$7.00
Extra Trenching	\$/LF	1.00	no	no	no	\$135.00	\$135.00
Patch walls when damaged due to	\$/SF	1.00	no	no	no	\$72.00	\$72.00
Interior Piping Tie-Ins Incl. Pipe Fr	\$/EA	1.00	no	no	no	\$6,640.00	\$6,640.00
Interior Piping Tie-Ins-No Pipe Fr	\$/EA	1.00	no	no	no	\$2,770.00	\$2,770.00
Exterior Piping Tie-Ins Incl. Pipe Fr	\$/EA	1.00	no	no	no	\$7,600.00	\$7,600.00
Exterior Piping Tie-Ins-No Pipe Fr	\$/EA	1.00	no	no	no	\$3,335.00	\$3,335.00
<b>Total:</b>							\$21,318.00

### AIR ENGINEERING

#### BID FORM-UNIT PRICE SHEET (PIPING INSTALLATION-EXTERIOR WORK)

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$100.00	\$100.00
1" Straight Pipe	\$/LF	1.00	no	no	no	\$120.80	\$120.80
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$196.00	\$196.00

2" Straight Pipe	\$/LF	1.00	no	no	no	\$266.40	\$266.40
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$373.60	\$373.60
3" Straight Pipe	\$/LF	1.00	no	no	no	\$488.00	\$488.00
4" Straight Pipe	\$/LF	1.00	no	no	no	\$700.00	\$700.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$1,224.00	\$1,224.00
8" Straight Pipe	\$/LF	1.00	no	no	no	\$1,840.00	\$1,840.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$2,880.00	\$2,880.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$3,600.00	\$3,600.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$138.40	\$138.40
1" Elbow	\$/EA	1.00	no	no	no	\$242.40	\$242.40
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$518.40	\$518.40
2" Elbow	\$/EA	1.00	no	no	no	\$888.80	\$888.80
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$482.40	\$482.40
3" Elbow	\$/EA	1.00	no	no	no	\$588.80	\$588.80
4" Elbow	\$/EA	1.00	no	no	no	\$970.40	\$970.40
6" Elbow	\$/EA	1.00	no	no	no	\$2,140.00	\$2,140.00
8" Elbow	\$/EA	1.00	no	no	no	\$4,040.80	\$4,040.80
10" Elbow	\$/EA	1.00	no	no	no	\$8,043.20	\$8,043.20
12" Elbow	\$/EA	1.00	no	no	no	\$11,913.60	\$11,913.60
3/4" TEE	\$/EA	1.00	no	no	no	\$211.20	\$211.20
1" TEE	\$/EA	1.00	no	no	no	\$372.80	\$372.80
1-1/2" TEE	\$/EA	1.00	no	no	no	\$752.80	\$752.80
2" TEE	\$/EA	1.00	no	no	no	\$1,279.20	\$1,279.20
2-1/2" TEE	\$/EA	1.00	no	no	no	\$1,324.00	\$1,324.00
3" TEE	\$/EA	1.00	no	no	no	\$1,475.20	\$1,475.20
4" TEE	\$/EA	1.00	no	no	no	\$2,069.60	\$2,069.60
6" TEE	\$/EA	1.00	no	no	no	\$3,556.00	\$3,556.00
8" TEE	\$/EA	1.00	no	no	no	\$6,204.00	\$6,204.00
10" TEE	\$/EA	1.00	no	no	no	\$12,188.80	\$12,188.80
12" TEE	\$/EA	1.00	no	no	no	\$17,057.60	\$17,057.60
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$35.60	\$35.60
1" Ball Valve	\$/EA	1.00	no	no	no	\$52.89	\$52.89
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$123.55	\$123.55
2" Ball Valve	\$/EA	1.00	no	no	no	\$203.95	\$203.95
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$366.45	\$366.45
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$405.30	\$405.30
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$490.35	\$490.35
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$808.50	\$808.50
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,120.00	\$1,120.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$2,222.50	\$2,222.50
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$3,041.50	\$3,041.50
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$1,225.00	\$1,225.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$1,505.00	\$1,505.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$1,505.00	\$1,505.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$1,505.00	\$1,505.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$1,795.00	\$1,795.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$1,895.00	\$1,895.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$1,955.00	\$1,955.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$3,666.00	\$3,666.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$5,230.00	\$5,230.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$6,915.00	\$6,915.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$11,200.00	\$11,200.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$770.00	\$770.00
1" Check Valve	\$/EA	1.00	no	no	no	\$770.00	\$770.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$980.00	\$980.00
2" Check Valve	\$/EA	1.00	no	no	no	\$1,150.00	\$1,150.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$1,289.00	\$1,289.00
3" Check Valve	\$/EA	1.00	no	no	no	\$2,915.00	\$2,915.00
4" Check Valve	\$/EA	1.00	no	no	no	\$3,215.00	\$3,215.00
6" Check Valve	\$/EA	1.00	no	no	no	\$3,525.00	\$3,525.00
8" Check Valve	\$/EA	1.00	no	no	no	\$4,980.00	\$4,980.00
10" Check Valve	\$/EA	1.00	no	no	no	\$6,842.50	\$6,842.50
12" Check Valve	\$/EA	1.00	no	no	no	\$11,375.00	\$11,375.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$1,115.00	\$1,115.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$1,115.00	\$1,115.00

4" Y-Strainer	\$/EA	1.00	no	no	no	\$1,750.00	\$1,750.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$2,455.00	\$2,455.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$3,790.00	\$3,790.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$6,925.00	\$6,925.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$10,595.00	\$10,595.00

Total: \$204,990.29

**BID FORM-UNIT PRICE SHEET (PIPING INSTALLATION-INTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$68.75	\$68.75
1" Straight Pipe	\$/LF	1.00	no	no	no	\$83.05	\$83.05
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$134.75	\$134.75
2" Straight Pipe	\$/LF	1.00	no	no	no	\$183.15	\$183.15
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$256.85	\$256.85
3" Straight Pipe	\$/LF	1.00	no	no	no	\$335.50	\$335.50
4" Straight Pipe	\$/LF	1.00	no	no	no	\$481.25	\$481.25
6" Straight Pipe	\$/LF	1.00	no	no	no	\$841.50	\$841.50
8" Straight Pipe	\$/LF	1.00	no	no	no	\$1,265.00	\$1,265.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$1,980.00	\$1,980.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$2,475.00	\$2,475.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$155.00	\$155.00
1" Elbow	\$/EA	1.00	no	no	no	\$166.65	\$166.65
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$356.40	\$356.40
2" Elbow	\$/EA	1.00	no	no	no	\$611.05	\$611.05
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$331.65	\$331.65
3" Elbow	\$/EA	1.00	no	no	no	\$404.80	\$404.80
4" Elbow	\$/EA	1.00	no	no	no	\$667.15	\$667.15
6" Elbow	\$/EA	1.00	no	no	no	\$1,471.25	\$1,471.25
8" Elbow	\$/EA	1.00	no	no	no	\$2,778.05	\$2,778.05
10" Elbow	\$/EA	1.00	no	no	no	\$5,529.70	\$5,529.70
12" Elbow	\$/EA	1.00	no	no	no	\$8,190.60	\$8,190.60
3/4" TEE	\$/EA	1.00	no	no	no	\$145.20	\$145.20
1" TEE	\$/EA	1.00	no	no	no	\$256.30	\$256.30
1-1/2" TEE	\$/EA	1.00	no	no	no	\$517.55	\$517.55
2" TEE	\$/EA	1.00	no	no	no	\$879.45	\$879.45
2-1/2" TEE	\$/EA	1.00	no	no	no	\$910.25	\$910.25
3" TEE	\$/EA	1.00	no	no	no	\$1,014.20	\$1,014.20
4" TEE	\$/EA	1.00	no	no	no	\$1,422.85	\$1,422.85
6" TEE	\$/EA	1.00	no	no	no	\$2,444.75	\$2,444.75
8" TEE	\$/EA	1.00	no	no	no	\$4,265.25	\$4,265.25
10" TEE	\$/EA	1.00	no	no	no	\$8,379.80	\$8,379.80
12" TEE	\$/EA	1.00	no	no	no	\$11,727.10	\$11,727.10
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$1,120.00	\$1,120.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$1,320.00	\$1,320.00
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$1,420.00	\$1,420.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$1,620.00	\$1,620.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$449.00	\$449.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$589.00	\$589.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$635.00	\$635.00
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$828.00	\$828.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$2,166.00	\$2,166.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$3,566.00	\$3,566.00
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$6,082.00	\$6,082.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$790.00	\$790.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$990.00	\$990.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$1,090.00	\$1,090.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$955.00	\$955.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$128.00	\$128.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$1,355.00	\$1,355.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$1,922.00	\$1,922.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$3,215.00	\$3,215.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$4,990.00	\$4,990.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$5,899.00	\$5,899.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$7,700.00	\$7,700.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$860.00	\$860.00

1" Check Valve	\$/EA	1.00	no	no	no	\$1,100.00	\$1,100.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$1,200.00	\$1,200.00
2" Check Valve	\$/EA	1.00	no	no	no	\$1,300.00	\$1,300.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$1,400.00	\$1,400.00
3" Check Valve	\$/EA	1.00	no	no	no	\$1,600.00	\$1,600.00
4" Check Valve	\$/EA	1.00	no	no	no	\$1,890.00	\$1,890.00
6" Check Valve	\$/EA	1.00	no	no	no	\$3,850.00	\$3,850.00
8" Check Valve	\$/EA	1.00	no	no	no	\$4,250.00	\$4,250.00
10" Check Valve	\$/EA	1.00	no	no	no	\$5,266.00	\$5,266.00
12" Check Valve	\$/EA	1.00	no	no	no	\$8,000.00	\$8,000.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$980.00	\$980.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$1,115.00	\$1,115.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$1,115.00	\$1,115.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$1,750.00	\$1,750.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$2,455.00	\$2,455.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$3,790.00	\$3,790.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$6,925.00	\$6,925.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$10,595.00	\$10,595.00
Total:							\$171,939.80

**BID FORM-UNIT PRICE SHEET (INSULATION INSTALLATION-EXTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$53.80	\$53.80
1" Straight Pipe	\$/LF	1.00	no	no	no	\$57.40	\$57.40
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$62.00	\$62.00
2" Straight Pipe	\$/LF	1.00	no	no	no	\$67.60	\$67.60
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$81.60	\$81.60
3" Straight Pipe	\$/LF	1.00	no	no	no	\$93.20	\$93.20
4" Straight Pipe	\$/LF	1.00	no	no	no	\$102.00	\$102.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$144.60	\$144.60
8" Straight Pipe	\$/LF	1.00	no	no	no	\$164.00	\$164.00
10" Straight Pipe	\$/LF	1.00	no	no	no	\$194.00	\$194.00
12" Straight Pipe	\$/LF	1.00	no	no	no	\$220.00	\$220.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$50.00	\$50.00
1" Elbow	\$/EA	1.00	no	no	no	\$60.00	\$60.00
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$80.00	\$80.00
2" Elbow	\$/EA	1.00	no	no	no	\$90.00	\$90.00
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$100.00	\$100.00
3" Elbow	\$/EA	1.00	no	no	no	\$124.00	\$124.00
4" Elbow	\$/EA	1.00	no	no	no	\$180.00	\$180.00
6" Elbow	\$/EA	1.00	no	no	no	\$300.00	\$300.00
8" Elbow	\$/EA	1.00	no	no	no	\$460.00	\$460.00
10" Elbow	\$/EA	1.00	no	no	no	\$660.00	\$660.00
12" Elbow	\$/EA	1.00	no	no	no	\$830.00	\$830.00
3/4" TEE	\$/EA	1.00	no	no	no	\$50.00	\$50.00
1" TEE	\$/EA	1.00	no	no	no	\$60.00	\$60.00
1-1/2" TEE	\$/EA	1.00	no	no	no	\$80.00	\$80.00
2" TEE	\$/EA	1.00	no	no	no	\$90.00	\$90.00
2-1/2" TEE	\$/EA	1.00	no	no	no	\$100.00	\$100.00
3" TEE	\$/EA	1.00	no	no	no	\$124.00	\$124.00
4" TEE	\$/EA	1.00	no	no	no	\$180.00	\$180.00
6" TEE	\$/EA	1.00	no	no	no	\$300.00	\$300.00
8" TEE	\$/EA	1.00	no	no	no	\$460.00	\$460.00
10" TEE	\$/EA	1.00	no	no	no	\$660.00	\$660.00
12" TEE	\$/EA	1.00	no	no	no	\$830.00	\$830.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$170.00	\$170.00
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$190.00	\$190.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$220.00	\$220.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$250.00	\$250.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$280.00	\$280.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$420.00	\$420.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$660.00	\$660.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$960.00	\$960.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$1,200.00	\$1,200.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$1,560.00	\$1,560.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$170.00	\$170.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$190.00	\$190.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$220.00	\$220.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$250.00	\$250.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$280.00	\$280.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$460.00	\$460.00

6" B'Fly Valve	\$/EA	1.00	no	no	no	\$660.00	\$660.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$960.00	\$960.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,200.00	\$1,200.00
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,560.00	\$1,560.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$150.00	\$150.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$210.00	\$210.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$240.00	\$240.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$270.00	\$270.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$300.00	\$300.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$340.00	\$340.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$420.00	\$420.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$740.00	\$740.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$1,020.00	\$1,020.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$1,280.00	\$1,280.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$1,660.00	\$1,660.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
1" Check Valve	\$/EA	1.00	no	no	no	\$170.00	\$170.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$190.00	\$190.00
2" Check Valve	\$/EA	1.00	no	no	no	\$220.00	\$220.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$250.00	\$250.00
3" Check Valve	\$/EA	1.00	no	no	no	\$280.00	\$280.00
4" Check Valve	\$/EA	1.00	no	no	no	\$460.00	\$460.00
6" Check Valve	\$/EA	1.00	no	no	no	\$660.00	\$660.00
8" Check Valve	\$/EA	1.00	no	no	no	\$960.00	\$960.00
10" Check Valve	\$/EA	1.00	no	no	no	\$1,200.00	\$1,200.00
12" Check Valve	\$/EA	1.00	no	no	no	\$1,400.00	\$1,400.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$150.00	\$150.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$210.00	\$210.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$240.00	\$240.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$270.00	\$270.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$300.00	\$300.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$340.00	\$340.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$420.00	\$420.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$740.00	\$740.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$1,020.00	\$1,020.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$1,280.00	\$1,280.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$1,660.00	\$1,660.00
						Total:	\$38,408.20

**BID FORM-UNIT PRICE SHEET (INSULATION INSTALLATION-INTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$35.00	\$35.00
1" Straight Pipe	\$/LF	1.00	no	no	no	\$36.40	\$36.40
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$38.60	\$38.60
2" Straight Pipe	\$/LF	1.00	no	no	no	\$41.60	\$41.60
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$49.00	\$49.00
3" Straight Pipe	\$/LF	1.00	no	no	no	\$54.60	\$54.60
4" Straight Pipe	\$/LF	1.00	no	no	no	\$60.00	\$60.00
6" Straight Pipe	\$/LF	1.00	no	no	no	\$81.00	\$81.00
8" Straight Pipe	\$/LF	1.00	no	no	no	\$91.20	\$91.20
10" Straight Pipe	\$/LF	1.00	no	no	no	\$109.60	\$109.60
12" Straight Pipe	\$/LF	1.00	no	no	no	\$120.00	\$120.00
3/4" Elbow	\$/EA	1.00	no	no	no	\$40.00	\$40.00
1" Elbow	\$/EA	1.00	no	no	no	\$48.00	\$48.00
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$62.00	\$62.00
2" Elbow	\$/EA	1.00	no	no	no	\$70.20	\$70.20
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$78.00	\$78.00
3" Elbow	\$/EA	1.00	no	no	no	\$98.00	\$98.00
4" Elbow	\$/EA	1.00	no	no	no	\$140.00	\$140.00
6" Elbow	\$/EA	1.00	no	no	no	\$236.00	\$236.00
8" Elbow	\$/EA	1.00	no	no	no	\$360.00	\$360.00
10" Elbow	\$/EA	1.00	no	no	no	\$514.00	\$514.00
12" Elbow	\$/EA	1.00	no	no	no	\$648.00	\$648.00
3/4" TEE	\$/EA	1.00	no	no	no	\$40.00	\$40.00
1" TEE	\$/EA	1.00	no	no	no	\$48.00	\$48.00
1-1/2" TEE	\$/EA	1.00	no	no	no	\$62.00	\$62.00
2" TEE	\$/EA	1.00	no	no	no	\$72.00	\$72.00
2-1/2" TEE	\$/EA	1.00	no	no	no	\$78.00	\$78.00
3" TEE	\$/EA	1.00	no	no	no	\$98.00	\$98.00
4" TEE	\$/EA	1.00	no	no	no	\$140.00	\$140.00
6" TEE	\$/EA	1.00	no	no	no	\$236.00	\$236.00
8" TEE	\$/EA	1.00	no	no	no	\$360.00	\$360.00
10" TEE	\$/EA	1.00	no	no	no	\$514.00	\$514.00
12" TEE	\$/EA	1.00	no	no	no	\$648.00	\$648.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$70.00	\$70.00
1" Ball Valve	\$/EA	1.00	no	no	no	\$80.00	\$80.00

1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$116.00	\$116.00
2" Ball Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$150.00	\$150.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$176.00	\$176.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$260.00	\$260.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$460.00	\$460.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$660.00	\$660.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$1,000.00	\$1,000.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$1,210.00	\$1,210.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$70.00	\$70.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$80.00	\$80.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$116.00	\$116.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$150.00	\$150.00
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$176.00	\$176.00
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$260.00	\$260.00
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$460.00	\$460.00
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$660.00	\$660.00
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,000.00	\$1,000.00
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,210.00	\$1,210.00
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$76.00	\$76.00
1" Gate Valve	\$/EA	1.00	no	no	no	\$100.00	\$100.00
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
2" Gate Valve	\$/EA	1.00	no	no	no	\$150.00	\$150.00
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$170.00	\$170.00
3" Gate Valve	\$/EA	1.00	no	no	no	\$220.00	\$220.00
4" Gate Valve	\$/EA	1.00	no	no	no	\$320.00	\$320.00
6" Gate Valve	\$/EA	1.00	no	no	no	\$520.00	\$520.00
8" Gate Valve	\$/EA	1.00	no	no	no	\$740.00	\$740.00
10" Gate Valve	\$/EA	1.00	no	no	no	\$1,160.00	\$1,160.00
12" Gate Valve	\$/EA	1.00	no	no	no	\$1,440.00	\$1,440.00
3/4" Check Valve	\$/EA	1.00	no	no	no	\$70.00	\$70.00
1" Check Valve	\$/EA	1.00	no	no	no	\$80.00	\$80.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$116.00	\$116.00
2" Check Valve	\$/EA	1.00	no	no	no	\$130.00	\$130.00
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$150.00	\$150.00
3" Check Valve	\$/EA	1.00	no	no	no	\$176.00	\$176.00
4" Check Valve	\$/EA	1.00	no	no	no	\$260.00	\$260.00
6" Check Valve	\$/EA	1.00	no	no	no	\$460.00	\$460.00
8" Check Valve	\$/EA	1.00	no	no	no	\$660.00	\$660.00
10" Check Valve	\$/EA	1.00	no	no	no	\$1,000.00	\$1,000.00
12" Check Valve	\$/EA	1.00	no	no	no	\$1,210.00	\$1,210.00
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$76.00	\$76.00
1" Y-Strainer	\$/EA	1.00	no	no	no	\$100.00	\$100.00
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$130.00	\$130.00
2" Y-Strainer	\$/EA	1.00	no	no	no	\$150.00	\$150.00
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$170.00	\$170.00
3" Y-Strainer	\$/EA	1.00	no	no	no	\$220.00	\$220.00
4" Y-Strainer	\$/EA	1.00	no	no	no	\$320.00	\$320.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$520.00	\$520.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$740.00	\$740.00
10" Y-Strainer	\$/EA	1.00	no	no	no	\$1,160.00	\$1,160.00
12" Y-Strainer	\$/EA	1.00	no	no	no	\$1,440.00	\$1,440.00
Total:							\$28,295.20

#### BID FORM-UNIT PRICE SHEET (OTHER ITEMS)

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
Concrete Sidewalk Paving	\$/SF	1.00	no	no	no	\$30.00	\$30.00
Concrete Roadway Paving	\$/SF	1.00	no	no	no	\$45.00	\$45.00
Concrete Interior Surface	\$/SF	1.00	no	no	no	\$60.00	\$60.00
Concrete Pads and Foundations	\$/CU. YD.	1.00	no	no	no	\$750.00	\$750.00
Extra Sod/Grass	\$/SQ. YD.	1.00	no	no	no	\$450.00	\$450.00
Extra Trenching	\$/LF	1.00	no	no	no	\$135.00	\$135.00
Patch walls when damaged due to	\$/SF	1.00	no	no	no	\$105.00	\$105.00
Interior Piping Tie-Ins Incl. Pipe Fr	\$/EA	1.00	no	no	no	\$4,500.00	\$4,500.00
Interior Piping Tie-Ins-No Pipe Fr	\$/EA	1.00	no	no	no	\$3,750.00	\$3,750.00
Exterior Piping Tie-Ins Incl. Pipe Fr	\$/EA	1.00	no	no	no	\$7,500.00	\$7,500.00
Exterior Piping Tie-Ins-No Pipe Fr	\$/EA	1.00	no	no	no	\$3,750.00	\$3,750.00
Total:							\$21,075.00

#### JACKSON MECHANICAL

#### BID FORM-UNIT PRICE SHEET (PIPING INSTALLATION-EXTERIOR WORK)

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
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3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$36.89	\$36.89
1" Straight Pipe	\$/LF	1.00	no	no	no	\$38.33	\$38.33
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$41.85	\$41.85
2" Straight Pipe	\$/LF	1.00	no	no	no	\$45.95	\$45.95
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$208.80	\$208.80
3" Straight Pipe	\$/LF	1.00	no	no	no	\$210.49	\$210.49
4" Straight Pipe	\$/LF	1.00	no	no	no	\$416.04	\$416.04
6" Straight Pipe	\$/LF	1.00	no	no	no	\$559.96	\$559.96
8" Straight Pipe	\$/LF	1.00	no	no	no	\$705.51	\$705.51
10" Straight Pipe	\$/LF	1.00	no	no	no	\$866.64	\$866.64
12" Straight Pipe	\$/LF	1.00	no	no	no	\$1,149.04	\$1,149.04
3/4" Elbow	\$/EA	1.00	no	no	no	\$36.04	\$36.04
1" Elbow	\$/EA	1.00	no	no	no	\$39.13	\$39.13
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$46.33	\$46.33
2" Elbow	\$/EA	1.00	no	no	no	\$56.76	\$56.76
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$427.11	\$427.11
3" Elbow	\$/EA	1.00	no	no	no	\$406.84	\$406.84
4" Elbow	\$/EA	1.00	no	no	no	\$854.49	\$854.49
6" Elbow	\$/EA	1.00	no	no	no	\$1,180.49	\$1,180.49
8" Elbow	\$/EA	1.00	no	no	no	\$1,542.11	\$1,542.11
10" Elbow	\$/EA	1.00	no	no	no	\$2,005.96	\$2,005.96
12" Elbow	\$/EA	1.00	no	no	no	\$2,349.38	\$2,349.38
3/4" TEE	\$/EA	1.00	no	no	no	\$136.65	\$136.65
1" TEE	\$/EA	1.00	no	no	no	\$147.15	\$147.15
1-1/2" TEE	\$/EA	1.00	no	no	no	\$160.00	\$160.00
2" TEE	\$/EA	1.00	no	no	no	\$173.38	\$173.38
2-1/2" TEE	\$/EA	1.00	no	no	no	\$468.04	\$468.04
3" TEE	\$/EA	1.00	no	no	no	\$475.42	\$475.42
4" TEE	\$/EA	1.00	no	no	no	\$908.00	\$908.00
6" TEE	\$/EA	1.00	no	no	no	\$1,249.42	\$1,249.42
8" TEE	\$/EA	1.00	no	no	no	\$1,647.35	\$1,647.35
10" TEE	\$/EA	1.00	no	no	no	\$2,207.67	\$2,207.67
12" TEE	\$/EA	1.00	no	no	no	\$2,982.80	\$2,982.80
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$85.73	\$85.73
1" Ball Valve	\$/EA	1.00	no	no	no	\$94.09	\$94.09
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$194.09	\$194.09
2" Ball Valve	\$/EA	1.00	no	no	no	\$232.98	\$232.98
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$310.80	\$310.80
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$321.62	\$321.62
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$407.53	\$407.53
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$645.60	\$645.60
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$970.29	\$970.29
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,312.85	\$1,312.85
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,680.73	\$1,680.73
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$257.64	\$257.64
1" Gate Valve	\$/EA	1.00	no	no	no	\$435.96	\$435.96
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$601.82	\$601.82
2" Gate Valve	\$/EA	1.00	no	no	no	\$821.82	\$821.82
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$882.20	\$882.20
3" Gate Valve	\$/EA	1.00	no	no	no	\$949.35	\$949.35
4" Gate Valve	\$/EA	1.00	no	no	no	\$1,290.29	\$1,290.29
6" Gate Valve	\$/EA	1.00	no	no	no	\$2,061.82	\$2,061.82
8" Gate Valve	\$/EA	1.00	no	no	no	\$3,728.96	\$3,728.96
10" Gate Valve	\$/EA	1.00	no	no	no	\$6,634.56	\$6,634.56
12" Gate Valve	\$/EA	1.00	no	no	no	\$14,613.22	\$14,613.22
3/4" Check Valve	\$/EA	1.00	no	no	no	\$313.09	\$313.09
1" Check Valve	\$/EA	1.00	no	no	no	\$374.55	\$374.55
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$549.09	\$549.09
2" Check Valve	\$/EA	1.00	no	no	no	\$745.45	\$745.45
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$729.25	\$729.25
3" Check Valve	\$/EA	1.00	no	no	no	\$766.56	\$766.56
4" Check Valve	\$/EA	1.00	no	no	no	\$1,085.87	\$1,085.87
6" Check Valve	\$/EA	1.00	no	no	no	\$1,779.07	\$1,779.07
8" Check Valve	\$/EA	1.00	no	no	no	\$3,379.84	\$3,379.84
10" Check Valve	\$/EA	1.00	no	no	no	\$5,652.78	\$5,652.78
12" Check Valve	\$/EA	1.00	no	no	no	\$9,137.31	\$9,137.31
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$158.18	\$158.18
1" Y-Strainer	\$/EA	1.00	no	no	no	\$167.27	\$167.27
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$187.27	\$187.27

2" Y-Strainer	\$/EA	1.00	no	no	no	\$223.64	\$223.64
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$355.53	\$355.53
3" Y-Strainer	\$/EA	1.00	no	no	no	\$372.95	\$372.95
4" Y-Strainer	\$/EA	1.00	no	no	no	\$554.55	\$554.55
6" Y-Strainer	\$/EA	1.00	no	no	no	\$850.65	\$850.65
8" Y-Strainer	\$/EA	1.00	no	no	no	\$1,642.98	\$1,642.98
10" Y-Strainer	\$/EA	1.00	no	no	no	\$3,037.33	\$3,037.33
12" Y-Strainer	\$/EA	1.00	no	no	no	\$4,218.89	\$4,218.89
						<b>Total:</b>	\$98,596.07

**BID FORM-UNIT PRICE SHEET (PIPING INSTALLATION-INTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$36.89	\$36.89
1" Straight Pipe	\$/LF	1.00	no	no	no	\$38.33	\$38.33
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$41.85	\$41.85
2" Straight Pipe	\$/LF	1.00	no	no	no	\$46.95	\$46.95
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$208.60	\$208.60
3" Straight Pipe	\$/LF	1.00	no	no	no	\$210.49	\$210.49
4" Straight Pipe	\$/LF	1.00	no	no	no	\$416.04	\$416.04
6" Straight Pipe	\$/LF	1.00	no	no	no	\$449.95	\$449.95
8" Straight Pipe	\$/LF	1.00	no	no	no	\$705.51	\$705.51
10" Straight Pipe	\$/LF	1.00	no	no	no	\$866.64	\$866.64
12" Straight Pipe	\$/LF	1.00	no	no	no	\$1,149.04	\$1,149.04
3/4" Elbow	\$/EA	1.00	no	no	no	\$36.04	\$36.04
1" Elbow	\$/EA	1.00	no	no	no	\$39.13	\$39.13
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$46.33	\$46.33
2" Elbow	\$/EA	1.00	no	no	no	\$56.76	\$56.76

2-1/2" Elbow	\$/EA	1.00	no	no	no	\$427.11	\$427.11
3" Elbow	\$/EA	1.00	no	no	no	\$405.84	\$405.84
4" Elbow	\$/EA	1.00	no	no	no	\$854.49	\$854.49
6" Elbow	\$/EA	1.00	no	no	no	\$1,180.49	\$1,180.49
8" Elbow	\$/EA	1.00	no	no	no	\$1,542.11	\$1,542.11
10" Elbow	\$/EA	1.00	no	no	no	\$2,005.95	\$2,005.95
12" Elbow	\$/EA	1.00	no	no	no	\$2,319.38	\$2,319.38
3/4" TEE	\$/EA	1.00	no	no	no	\$138.65	\$138.65
1" TEE	\$/EA	1.00	no	no	no	\$147.15	\$147.15
1-1/2" TEE	\$/EA	1.00	no	no	no	\$160.00	\$160.00
2" TEE	\$/EA	1.00	no	no	no	\$175.38	\$175.38
2-1/2" TEE	\$/EA	1.00	no	no	no	\$468.04	\$468.04
3" TEE	\$/EA	1.00	no	no	no	\$475.42	\$475.42
4" TEE	\$/EA	1.00	no	no	no	\$908.00	\$908.00
6" TEE	\$/EA	1.00	no	no	no	\$1,249.42	\$1,249.42
8" TEE	\$/EA	1.00	no	no	no	\$1,647.35	\$1,647.35
10" TEE	\$/EA	1.00	no	no	no	\$2,207.67	\$2,207.67
12" TEE	\$/EA	1.00	no	no	no	\$2,982.60	\$2,982.60
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$85.73	\$85.73
1" Ball Valve	\$/EA	1.00	no	no	no	\$94.09	\$94.09
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$194.09	\$194.09
2" Ball Valve	\$/EA	1.00	no	no	no	\$232.98	\$232.98
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$310.80	\$310.80
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$321.62	\$321.62
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$407.53	\$407.53
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$545.60	\$545.60
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$970.29	\$970.29
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,312.85	\$1,312.85
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$1,680.73	\$1,680.73
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$257.64	\$257.64
1" Gate Valve	\$/EA	1.00	no	no	no	\$435.96	\$435.96
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$601.82	\$601.82
2" Gate Valve	\$/EA	1.00	no	no	no	\$821.82	\$821.82
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$882.20	\$882.20
3" Gate Valve	\$/EA	1.00	no	no	no	\$949.35	\$949.35
4" Gate Valve	\$/EA	1.00	no	no	no	\$1,290.29	\$1,290.29
6" Gate Valve	\$/EA	1.00	no	no	no	\$2,061.82	\$2,061.82
8" Gate Valve	\$/EA	1.00	no	no	no	\$3,728.98	\$3,728.98
10" Gate Valve	\$/EA	1.00	no	no	no	\$6,634.56	\$6,634.56
12" Gate Valve	\$/EA	1.00	no	no	no	\$14,613.22	\$14,613.22
3/4" Check Valve	\$/EA	1.00	no	no	no	\$313.09	\$313.09
1" Check Valve	\$/EA	1.00	no	no	no	\$374.55	\$374.55
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$549.09	\$549.09
2" Check Valve	\$/EA	1.00	no	no	no	\$745.45	\$745.45
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$729.25	\$729.25
3" Check Valve	\$/EA	1.00	no	no	no	\$766.56	\$766.56
4" Check Valve	\$/EA	1.00	no	no	no	\$1,065.87	\$1,065.87
6" Check Valve	\$/EA	1.00	no	no	no	\$1,779.07	\$1,779.07
8" Check Valve	\$/EA	1.00	no	no	no	\$3,379.84	\$3,379.84
10" Check Valve	\$/EA	1.00	no	no	no	\$5,652.70	\$5,652.70
12" Check Valve	\$/EA	1.00	no	no	no	\$9,137.31	\$9,137.31
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$156.18	\$156.18
1" Y-Strainer	\$/EA	1.00	no	no	no	\$167.27	\$167.27
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$187.27	\$187.27
2" Y-Strainer	\$/EA	1.00	no	no	no	\$223.64	\$223.64
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$355.53	\$355.53
3" Y-Strainer	\$/EA	1.00	no	no	no	\$372.95	\$372.95
4" Y-Strainer	\$/EA	1.00	no	no	no	\$554.55	\$554.55
6" Y-Strainer	\$/EA	1.00	no	no	no	\$850.65	\$850.65
8" Y-Strainer	\$/EA	1.00	no	no	no	\$1,642.98	\$1,642.98
10" Y-Strainer	\$/EA	1.00	no	no	no	\$3,037.33	\$3,037.33
12" Y-Strainer	\$/EA	1.00	no	no	no	\$4,218.89	\$4,218.89

**Total:** \$98,337.59

**BID FORM-UNIT PRICE SHEET (INSULATION INSTALLATION-EXTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$27.18	\$27.18
1" Straight Pipe	\$/LF	1.00	no	no	no	\$28.33	\$28.33
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$29.27	\$29.27
2" Straight Pipe	\$/LF	1.00	no	no	no	\$31.60	\$31.60
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$34.36	\$34.36
3" Straight Pipe	\$/LF	1.00	no	no	no	\$34.91	\$34.91
4" Straight Pipe	\$/LF	1.00	no	no	no	\$38.36	\$38.36
6" Straight Pipe	\$/LF	1.00	no	no	no	\$42.84	\$42.84
8" Straight Pipe	\$/LF	1.00	no	no	no	\$50.15	\$50.15
10" Straight Pipe	\$/LF	1.00	no	no	no	\$56.36	\$56.36
12" Straight Pipe	\$/LF	1.00	no	no	no	\$65.45	\$65.45
3/4" Elbow	\$/EA	1.00	no	no	no	\$87.62	\$87.62
1" Elbow	\$/EA	1.00	no	no	no	\$96.65	\$96.65
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$104.36	\$104.36
2" Elbow	\$/EA	1.00	no	no	no	\$110.15	\$110.15
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$119.96	\$119.96
3" Elbow	\$/EA	1.00	no	no	no	\$121.87	\$121.87
4" Elbow	\$/EA	1.00	no	no	no	\$149.55	\$149.55
6" Elbow	\$/EA	1.00	no	no	no	\$166.96	\$166.96
8" Elbow	\$/EA	1.00	no	no	no	\$195.44	\$195.44
10" Elbow	\$/EA	1.00	no	no	no	\$220.00	\$220.00
12" Elbow	\$/EA	1.00	no	no	no	\$258.18	\$258.18
3/4" TEE	\$/EA	1.00	no	no	no	\$106.75	\$106.75
1" TEE	\$/EA	1.00	no	no	no	\$116.18	\$116.18
1-1/2" TEE	\$/EA	1.00	no	no	no	\$123.91	\$123.91
2" TEE	\$/EA	1.00	no	no	no	\$136.23	\$136.23
2-1/2" TEE	\$/EA	1.00	no	no	no	\$148.35	\$148.35
3" TEE	\$/EA	1.00	no	no	no	\$150.51	\$150.51
4" TEE	\$/EA	1.00	no	no	no	\$184.67	\$184.67
6" TEE	\$/EA	1.00	no	no	no	\$207.02	\$207.02
8" TEE	\$/EA	1.00	no	no	no	\$243.45	\$243.45
10" TEE	\$/EA	1.00	no	no	no	\$275.36	\$275.36
12" TEE	\$/EA	1.00	no	no	no	\$320.00	\$320.00
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$106.75	\$106.75
1" Ball Valve	\$/EA	1.00	no	no	no	\$116.18	\$116.18
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$123.91	\$123.91
2" Ball Valve	\$/EA	1.00	no	no	no	\$136.25	\$136.25
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$201.82	\$201.82
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$201.82	\$201.82
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$228.73	\$228.73
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$252.20	\$252.20
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$278.18	\$278.18
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$324.55	\$324.55
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$376.36	\$376.36
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$106.75	\$106.75
1" Gate Valve	\$/EA	1.00	no	no	no	\$116.18	\$116.18
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$123.91	\$123.91
2" Gate Valve	\$/EA	1.00	no	no	no	\$136.25	\$136.25
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$218.18	\$218.18
3" Gate Valve	\$/EA	1.00	no	no	no	\$218.18	\$218.18
4" Gate Valve	\$/EA	1.00	no	no	no	\$248.73	\$248.73
6" Gate Valve	\$/EA	1.00	no	no	no	\$272.73	\$272.73
8" Gate Valve	\$/EA	1.00	no	no	no	\$305.45	\$305.45
10" Gate Valve	\$/EA	1.00	no	no	no	\$356.36	\$356.36
12" Gate Valve	\$/EA	1.00	no	no	no	\$409.09	\$409.09
3/4" Check Valve	\$/EA	1.00	no	no	no	\$106.75	\$106.75
1" Check Valve	\$/EA	1.00	no	no	no	\$116.00	\$116.00
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$123.91	\$123.91
2" Check Valve	\$/EA	1.00	no	no	no	\$136.25	\$136.25
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$201.82	\$201.82
3" Check Valve	\$/EA	1.00	no	no	no	\$201.82	\$201.82
4" Check Valve	\$/EA	1.00	no	no	no	\$227.27	\$227.27
6" Check Valve	\$/EA	1.00	no	no	no	\$252.20	\$252.20
8" Check Valve	\$/EA	1.00	no	no	no	\$278.18	\$278.18
10" Check Valve	\$/EA	1.00	no	no	no	\$324.55	\$324.55

12" Check Valve	\$/EA	1.00	no	no	no	\$376.36	\$376.36
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$114.18	\$114.18
1" Y-Strainer	\$/EA	1.00	no	no	no	\$118.45	\$118.45
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$134.75	\$134.75
2" Y-Strainer	\$/EA	1.00	no	no	no	\$147.65	\$147.65
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$245.45	\$245.45
3" Y-Strainer	\$/EA	1.00	no	no	no	\$245.45	\$245.45
4" Y-Strainer	\$/EA	1.00	no	no	no	\$300.00	\$300.00
6" Y-Strainer	\$/EA	1.00	no	no	no	\$330.91	\$330.91
8" Y-Strainer	\$/EA	1.00	no	no	no	\$429.09	\$429.09
10" Y-Strainer	\$/EA	1.00	no	no	no	\$632.73	\$632.73
12" Y-Strainer	\$/EA	1.00	no	no	no	\$641.82	\$641.82

**Total:** \$14,626.13

**BID FORM-UNIT PRICE SHEET (INSULATION INSTALLATION-INTERIOR WORK)**

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
3/4" Straight Pipe	\$/LF	1.00	no	no	no	\$12.73	\$12.73
1" Straight Pipe	\$/LF	1.00	no	no	no	\$13.64	\$13.64
1-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$15.00	\$15.00
2" Straight Pipe	\$/LF	1.00	no	no	no	\$16.36	\$16.36
2-1/2" Straight Pipe	\$/LF	1.00	no	no	no	\$20.91	\$20.91
3" Straight Pipe	\$/LF	1.00	no	no	no	\$21.64	\$21.64
4" Straight Pipe	\$/LF	1.00	no	no	no	\$26.36	\$26.36
6" Straight Pipe	\$/LF	1.00	no	no	no	\$34.55	\$34.55
8" Straight Pipe	\$/LF	1.00	no	no	no	\$42.73	\$42.73
10" Straight Pipe	\$/LF	1.00	no	no	no	\$49.09	\$49.09
12" Straight Pipe	\$/LF	1.00	no	no	no	\$65.45	\$65.45
3/4" Elbow	\$/EA	1.00	no	no	no	\$25.45	\$25.45
1" Elbow	\$/EA	1.00	no	no	no	\$27.27	\$27.27
1-1/2" Elbow	\$/EA	1.00	no	no	no	\$30.91	\$30.91
2" Elbow	\$/EA	1.00	no	no	no	\$33.64	\$33.64
2-1/2" Elbow	\$/EA	1.00	no	no	no	\$41.82	\$41.82
3" Elbow	\$/EA	1.00	no	no	no	\$47.27	\$47.27
4" Elbow	\$/EA	1.00	no	no	no	\$52.73	\$52.73
6" Elbow	\$/EA	1.00	no	no	no	\$86.36	\$86.36
8" Elbow	\$/EA	1.00	no	no	no	\$109.09	\$109.09
10" Elbow	\$/EA	1.00	no	no	no	\$152.73	\$152.73
12" Elbow	\$/EA	1.00	no	no	no	\$200.00	\$200.00
3/4" TEE	\$/EA	1.00	no	no	no	\$38.18	\$38.18
1" TEE	\$/EA	1.00	no	no	no	\$41.82	\$41.82
1-1/2" TEE	\$/EA	1.00	no	no	no	\$45.45	\$45.45
2" TEE	\$/EA	1.00	no	no	no	\$49.09	\$49.09
2-1/2" TEE	\$/EA	1.00	no	no	no	\$62.73	\$62.73
3" TEE	\$/EA	1.00	no	no	no	\$70.91	\$70.91
4" TEE	\$/EA	1.00	no	no	no	\$90.91	\$90.91
6" TEE	\$/EA	1.00	no	no	no	\$120.91	\$120.91
8" TEE	\$/EA	1.00	no	no	no	\$128.18	\$128.18
10" TEE	\$/EA	1.00	no	no	no	\$163.64	\$163.64
12" TEE	\$/EA	1.00	no	no	no	\$261.82	\$261.82
3/4" Ball Valve	\$/EA	1.00	no	no	no	\$38.18	\$38.18
1" Ball Valve	\$/EA	1.00	no	no	no	\$41.82	\$41.82
1-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$45.45	\$45.45
2" Ball Valve	\$/EA	1.00	no	no	no	\$49.09	\$49.09
2-1/2" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
4" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
6" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
8" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
10" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
12" Ball Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
3/4" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
1-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2" B'Fly Valve	\$/EA	1.00	no	no	no	\$0.00	\$0.00
2-1/2" B'Fly Valve	\$/EA	1.00	no	no	no	\$107.27	\$107.27
3" B'Fly Valve	\$/EA	1.00	no	no	no	\$107.27	\$107.27
4" B'Fly Valve	\$/EA	1.00	no	no	no	\$131.82	\$131.82
6" B'Fly Valve	\$/EA	1.00	no	no	no	\$170.91	\$170.91
8" B'Fly Valve	\$/EA	1.00	no	no	no	\$212.73	\$212.73
10" B'Fly Valve	\$/EA	1.00	no	no	no	\$294.55	\$294.55
12" B'Fly Valve	\$/EA	1.00	no	no	no	\$392.73	\$392.73
3/4" Gate Valve	\$/EA	1.00	no	no	no	\$38.18	\$38.18
1" Gate Valve	\$/EA	1.00	no	no	no	\$41.82	\$41.82
1-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$45.45	\$45.45
2" Gate Valve	\$/EA	1.00	no	no	no	\$52.73	\$52.73
2-1/2" Gate Valve	\$/EA	1.00	no	no	no	\$114.55	\$114.55

3" Gate Valve	\$/EA	1.00	no	no	no	\$114.55	\$114.55
4" Gate Valve	\$/EA	1.00	no	no	no	\$145.45	\$145.45
6" Gate Valve	\$/EA	1.00	no	no	no	\$181.82	\$181.82
8" Gate Valve	\$/EA	1.00	no	no	no	\$227.27	\$227.27
10" Gate Valve	\$/EA	1.00	no	no	no	\$309.09	\$309.09
12" Gate Valve	\$/EA	1.00	no	no	no	\$409.09	\$409.09
3/4" Check Valve	\$/EA	1.00	no	no	no	\$38.18	\$38.18
1" Check Valve	\$/EA	1.00	no	no	no	\$41.82	\$41.82
1-1/2" Check Valve	\$/EA	1.00	no	no	no	\$45.45	\$45.45
2" Check Valve	\$/EA	1.00	no	no	no	\$52.73	\$52.73
2-1/2" Check Valve	\$/EA	1.00	no	no	no	\$114.55	\$114.55
3" Check Valve	\$/EA	1.00	no	no	no	\$114.55	\$114.55
4" Check Valve	\$/EA	1.00	no	no	no	\$145.45	\$145.45
6" Check Valve	\$/EA	1.00	no	no	no	\$181.82	\$181.82
8" Check Valve	\$/EA	1.00	no	no	no	\$227.27	\$227.27
10" Check Valve	\$/EA	1.00	no	no	no	\$309.09	\$309.09
12" Check Valve	\$/EA	1.00	no	no	no	\$409.09	\$409.09
3/4" Y-Strainer	\$/EA	1.00	no	no	no	\$45.45	\$45.45
1" Y-Strainer	\$/EA	1.00	no	no	no	\$50.91	\$50.91
1-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$55.45	\$55.45
2" Y-Strainer	\$/EA	1.00	no	no	no	\$63.64	\$63.64
2-1/2" Y-Strainer	\$/EA	1.00	no	no	no	\$127.27	\$127.27
3" Y-Strainer	\$/EA	1.00	no	no	no	\$127.27	\$127.27
4" Y-Strainer	\$/EA	1.00	no	no	no	\$163.64	\$163.64
6" Y-Strainer	\$/EA	1.00	no	no	no	\$200.00	\$200.00
8" Y-Strainer	\$/EA	1.00	no	no	no	\$241.82	\$241.82
10" Y-Strainer	\$/EA	1.00	no	no	no	\$323.64	\$323.64
12" Y-Strainer	\$/EA	1.00	no	no	no	\$454.55	\$454.55
						<b>Total:</b>	<b>\$9,004.83</b>

#### BID FORM-UNIT PRICE SHEET (OTHER ITEMS)

*Total not included in Bid*

Description	Units	Quantity	Alternate	Optional	Fixed Price	Unit Price	Extension
Concrete Sidewalk Paving	\$/SF	1.00	no	no	no	\$10.00	\$10.00
Concrete Roadway Paving	\$/SF	1.00	no	no	no	\$25.00	\$25.00
Concrete Interior Surface	\$/SF	1.00	no	no	no	\$10.00	\$10.00
Concrete Pads and Foundations	\$/CU. YD.	1.00	no	no	no	\$90.00	\$90.00
Extra Sod/Grass	\$/SQ. YD.	1.00	no	no	no	\$8.00	\$8.00
Extra Trenching	\$/LF	1.00	no	no	no	\$135.00	\$135.00
Patch walls when damaged due to	\$/SF	1.00	no	no	no	\$65.00	\$65.00
Interior Piping Tie-Ins Incl. Pipe Fr	\$/EA	1.00	no	no	no	\$7,500.00	\$7,500.00
Interior Piping Tie-Ins-No Pipe Fr	\$/EA	1.00	no	no	no	\$1,500.00	\$1,500.00
Exterior Piping Tie-Ins Incl. Pipe Fr	\$/EA	1.00	no	no	no	\$8,000.00	\$8,000.00
Exterior Piping Tie-Ins-No Pipe Fr	\$/EA	1.00	no	no	no	\$2,000.00	\$2,000.00
						<b>Total:</b>	<b>\$19,343.00</b>