



ITB-028-2014  
Date Due: August 26, 2014 at 11:00 AM

APPROVED BY COUNCIL:

PIPE, PIPE FITTINGS, & MATERIALS - BASCOM NORRIS WATER MAIN

HD Supply Waterworks, Ltd 6854 Distribution Ave South Jacksonville, FL 32256 904 268 7007	Consolidated Pipe & Supply 525 Fortune Blvd Midway, FL 32343 850 575 0846	<b>Fortiline Waterworks</b> <b>2780 Lloyd Road</b> <b>Jacksonville, FL 32254</b> <b>904 652 0962</b>
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ITEM I:

A. PIPE

1. 12" WATER PIPE, C-900, DR-18, BELL AND SPIGOT, BLUE IN COLOR per ft

QTY	EACH	TOTAL	EACH	TOTAL	EACH	TOTAL
5,540	\$15.98	\$88,529.20	\$14.26	\$79,000.40	\$14.10	\$78,114.00
900	\$35.04	\$31,536.00	\$33.61	\$30,249.00	\$23.23	\$20,907.00
	TOTAL	\$120,065.20		\$109,249.40		\$99,021.00

2. 12" WATER PIPE, DUCTILE IRON, 0.28 W.T., ANSI/AWWA C150/A21.50, CEMENT LINING C104/A2.14, FLEXIBLE RESTRAINED JOINT FOR HDD APPLICATION, 20FT PIPE, WITH CORROSION PROTECTIVE PE WRAP.

B. PIPE FITTINGS

- 12"m.j. (mechanical joint) resilient wedge gate valve AWWA C509
- 12" PVC plug, DR18, water
- 12" CLDIP, 90 degree fittings, water (mj x mj)
- 12" CLDIP, 45 degree fittings, water (mj x mj)
- 12" CLDIP, long offset fittings, water (mj x mj)
- 12" CLDIP, 11.25 degree fittings, water (mj x mj)
- 16" x 12" neoprene end seals (for 16" DR25 FPVC casing and 12" DR18 FPVC Carrier Pipe)
- 12" CLDIP, solid sleeve for PVC pipe, water (mj x mj)
- 12" x 2" SST tapping saddle, fl outlet water services 2" water service with 1.5" meter, (meter, box + cover provided by City)
- 2" HDPE DR9 water service tubing or sch 40 PVC solvent weld
- 2" tapping valve (fl x mj)
- 12" megalug restraint gland, PVC pipe + accessory kit
- 12" megalug restraint gland, DI pipe + accessory kit
- 6" x 12" blowoff assembly, per standard detail
- 12" x 12" jumper connection per standard detail - ~~delete item~~
- 12" external bell restraints, pvc
- ARV assembly for 12" PVC per standard detail
- 27" through 37" assembly height cast iron valve box, 2 piece for 4" - 12" valves, 5 1/4", screw type, water lids, ± sta. 172-10.
- 33" through 43" assembly height cast iron valve box, 2pieces for 4" - 12" valves, 5 1/4" shaft, screw type, water lids, ± Sta. 192+15
- 39" - 50" assembly height cast iron valve box, 2 pieces for 4" - 12" valves, 5 1/4" shaft, screw type, water lids, ± Sta. 134+90, 138+05, 160+95, 162+90.
- 39" - 60" assembly height cast iron valve box, 2 pieces for 4" - 12" valves, 5 1/4" shaft, screw type, water lids, ± Sta. 109+50.
- Sample points for 12" PVC per service detail w/smooth nose bibb to flow straight down

QTY	EACH	TOTAL	EACH	TOTAL	EACH	TOTAL
8	965.00	\$7,720.00	1,250.00	\$10,000.00	1,230.15	\$9,841.20
1	162.05	\$162.05	87.00	\$87.00	173.63	\$173.63
4	166.27	\$665.08	160.00	\$640.00	166.27	\$665.08
4	137.56	\$550.24	132.00	\$528.00	137.56	\$550.24
2	494.65	\$989.30	470.00	\$940.00	556.48	\$1,112.96
4	113.01	\$452.04	109.00	\$436.00	113.01	\$452.04
4	177.76	\$711.04	47.00	\$188.00	47.06	\$188.24
8	126.91	\$1,015.28	120.00	\$960.00	130.16	\$1,041.28
1	708.12	\$708.12	53.00	\$53.00	711.96	\$711.96
20	1.30	\$26.00	15.00	\$15.00	0.64	\$12.80
1	239.88	\$239.88	200.00	\$200.00	291.51	\$291.51
40	80.05	\$3,202.00	81.00	\$3,240.00	97.26	\$3,890.40
2	72.66	\$145.32	75.00	\$150.00	95.72	\$191.44
2	1,375.57	\$2,751.14	1,365.00	\$2,730.00	1,280.46	\$2,560.92
0		\$0.00		\$0.00		\$0.00
25	99.28	\$2,482.00	104.00	\$2,600.00	122.21	\$3,055.25
1	430.32	\$430.32	3,200.00	\$3,200.00	367.94	\$367.94
1	40.56	\$40.56	40.00	\$40.00	45.45	\$45.45
2	67.33	\$134.66	56.00	\$112.00	54.55	\$109.10
5	50.89	\$254.45	59.00	\$295.00	54.55	\$272.75
1	72.00	\$72.00	96.00	\$96.00	78.41	\$78.41
8	1,096.80	\$8,774.40	165.00	\$1,320.00	193.38	\$1,547.04
	TOTAL	\$31,525.88		\$27,830.00		\$27,159.64

C. MATERIALS

- Locate wire, #10 gauge copper, single strand at ot, double strand install at HDD - 500 ft reels
- Underground warning tape, " Caution Buried Water Line Below", Blue, 6" PE - 1000 ft reels

QTY	EACH	TOTAL	EACH	TOTAL	EACH	TOTAL
23	\$0.27	\$3,068.55	\$95.00	\$2,185.00	\$0.23	\$2,645.00
6	\$55.59	\$333.54	\$25.00	\$150.00	\$50.80	\$304.80
	TOTAL	\$3,402.09		\$2,335.00		\$2,949.80

TOTAL A: PIPE

TOTAL B: PIPE FITTINGS

TOTAL C: MATERIALS

GRAND TOTAL (A - C)

	\$120,065.20	\$109,249.40	\$99,021.00
	\$31,525.88	\$27,830.00	\$27,159.64
	\$3,402.09	\$2,335.00	\$2,949.80
	\$154,993.17	\$139,414.40	\$129,130.44

\*calculation errors on B10,12,14,16,18,20

\*clarifications and exceptions on 12" water main pipe

\*verified US Pipe TR Flex will be supplied for ductile iron pipe

RECOMMENDATION: Fortline Waterworks

PIPE, PIPE FITTINGS, & MATERIALS - BASCOM NORRIS WATER MAIN

ITB-028-2014

Date Due: August 26, 2014 at 11:00 AM

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Ferguson Waterworks  
 9692 Florida Mining Blvd W Bldg 100  
 Jacksonville, FL 32257  
 904 268 2551

ITEM I:

A. PIPE

1. 12" WATER PIPE, C-900, DR-18, BELL AND SPIGOT, BLUE IN COLOR per ft

QTY	EACH	TOTAL
5,540	\$14.75	\$81,715.00

2. 12" WATER PIPE, DUCTILE IRON, 0.28 W.T., ANSI/AWWA C150/A21.50, CEMENT LINING C104/A2.14, FLEXIBLE RESTRAINED JOINT FOR HDD APPLICATION, 20FT PIPE, WITH CORROSION PROTECTIVE PE WRAP.

900	\$37.04	\$33,336.00
TOTAL		\$115,051.00

B. PIPE FITTINGS

1. 12"m.j. (mechanical joint) resilient wedge gate valve AWWA C509

QTY	EACH	TOTAL
8	1,185.00	\$9,480.00

2. 12" PVC plug, DR18, water

1	100.00	\$100.00
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3. 12" CLDIP, 90 degree fittings, water (mj x mj)

4	165.00	\$660.00
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4. 12" CLDIP, 45 degree fittings, water (mj x mj)

4	137.00	\$548.00
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5. 12" CLDIP, long offset fittings, water (mj x mj)

2	126.00	\$252.00
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6.12" CLDIP, 11.25 degree fittings, water (mj x mj)

4	113.00	\$452.00
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7. 16" x 12" neoprene end seals (for 16" DR25 FPVC casing and 12" DR18 FPVC Carrier Pipe)

4	85.00	\$340.00
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8.12" CLDIP, solid sleeve for PVC pipe, water (mj x mj)

8	126.00	\$1,008.00
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9. 12" x 2" SST tapping saddle, fl outlet water services 2"water service with 1.5" meter, (meter, box + cover provided by City)

1	77.00	\$77.00
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10. 2" HDPE DR9 water service tubing or sch 40 PVC solvent weld

20	0.60	\$12.00
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11. 2" tapping valve (fl x mj)

1	284.00	\$284.00
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12.12" megalug restraint gland, PVC pipe + accessory kit

40	82.00	\$3,280.00
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13.12" megalug restraint gland, DI pipe + accessory kit

2	75.00	\$150.00
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14. 6" x 12" blowoff assembly, per standard detail

2	1,359.00	\$2,718.00
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15.12" x 12" jumper connection per standard detail - delete item

0		\$0.00
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16. 12" external bell restraints, pvc

25	98.00	\$2,450.00
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17. ARV assembly for 12" PVC per standard detail

1	3,247.50	\$3,247.50
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18. 27" through 37" assembly height cast iron valve box, 2 piece for 4" - 12" valves, 5 1/4", screw type, water lids, ± Sta. 172-10.

1	40.00	\$40.00
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19. 33" through 43" assembly height cast iron valve box, 2pieces for 4" - 12" valves, 5 1/4" shaft, screw type, water lids, ± Sta. 192+15

2	59.00	\$118.00
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20. 39" - 50" assembly height cast iron valve box, 2 pieces for 4" - 12" valves, 5 1/4" shaft, screw type, water lids, ± Sta. 134+90, 138+05, 160+95, 162+90.

5	65.00	\$325.00
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21. 39" - 60" assembly height cast iron valve box, 2 pieces for 4" - 12" valves, 5 1/4" shaft, screw type, water lids, ± Sta. 109+50.

1	65.00	\$65.00
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22. Sample points for 12" PVC per service detail w/smooth nose bibb to flow straight down

8	95.00	\$760.00
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TOTAL \$26,366.50

C. MATERIALS

1. Locate wire, #10 gauge copper, single strand at ot, double strand install at HDD - 500 ft reels

QTY	EACH	TOTAL
23	\$105.00	\$2,415.00

2. Underground warning tape, " Caution Buried Water Line Below", Blue, 6" PE - 1000 ft reels

6	\$23.00	\$138.00
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TOTAL \$2,553.00

TOTAL A: PIPE

\$115,051.00

TOTAL B: PIPE FITTINGS

\$26,366.50

TOTAL C: MATERIALS

\$2,553.00

GRAND TOTAL (A - C)

\$143,970.50