

BIDS RECEIVED:

28-May-21

10:00 a.m.

**HOLLY SPRINGS CAST IRON, PHASE II
 USDA PROJECT NO. 28-047-562100878
 CITY OF HOLLY SPRINGS
 MARSHALL COUNTY, MISSISSIPPI**

ENGINEERING ESTIMATE		Mid-South Boring & Piping, LLC		T.J. Construction, Inc.	
		Collierville, TN 38017		Florence, AL 35634	
		MS Certification: 16841-MC		MS Certification: 12923	

BID ITEM NO.	DESCRIPTION	APPROX QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	MOBILIZATION	1	L.S.	\$5,000.00	\$ 5,000.00	\$2,500.00	\$ 2,500.00	\$25,000.00	\$ 25,000.00
2	CLEARING AND GRUBBING	3	ACRE	\$1,500.00	\$ 4,500.00	\$8,500.00	\$ 25,500.00	\$1,500.00	\$ 4,500.00
3	6" IPS PE2406, SDR11, OPEN TRENCH PIPE, 42" MIN. DEPTH	3,580	L.F.	\$28.50	\$ 102,030.00	\$26.44	\$ 94,655.20	\$33.22	\$ 118,927.60
4	6" IPS PE 2406, SDR 11, BORE, 42" MIN. DEPTH	610	L.F.	\$57.00	\$ 34,770.00	\$30.94	\$ 18,873.40	\$33.22	\$ 20,264.20
5	6" NOM. O.D. STEEL PIPE, API 5L GR. B, SCH. 40, EFB COATING WITH 25 MILS NAPROCK ABRASION COATING, MIN DEPTH 5', HDD BORE	50	L.F.	\$65.00	\$ 3,250.00	\$145.43	\$ 7,271.50	\$112.15	\$ 5,607.50
6	4" IPS PE2406, SDR11, OPEN TRENCH PIPE, 42" MIN. DEPTH	23,652	L.F.	\$16.50	\$ 390,258.00	\$17.72	\$ 419,113.44	\$25.46	\$ 602,179.92
7	4" IPS PE 2406, SDR 11, BORE, 42" MIN. DEPTH	2,275	L.F.	\$33.00	\$ 75,075.00	\$21.93	\$ 49,890.75	\$25.46	\$ 57,921.50
8	4" IPS PE 2406, SDR 11, HDD DITCH BORE, 10' MIN. DEPTH	800	L.F.	\$33.00	\$ 26,400.00	\$21.93	\$ 17,544.00	\$25.46	\$ 20,368.00
9	4" NOM. O.D. STEEL PIPE, API 5L GR. B, SCH. 40, EFB COATING WITH 25 MILS NAPROCK ABRASION COATING, MIN DEPTH 5', HDD BORE	695	L.F.	\$45.00	\$ 31,275.00	\$74.67	\$ 51,895.65	\$99.37	\$ 69,062.15
10	4" NOM. O.D. STEEL PIPE, API 5L GR. B, SCH. 40, EFB COATING WITH 25 MILS NAPROCK ABRASION COATING, MIN DEPTH 10' MINIMUM DEPTH, HDD RAILROAD BORE	917	L.F.	\$50.00	\$ 45,850.00	\$82.67	\$ 75,808.39	\$119.34	\$ 109,434.78
11	2" IPS PE2406, SDR11, OPEN TRENCH PIPE, 42" MIN. DEPTH	13,720	L.F.	\$12.75	\$ 174,930.00	\$12.44	\$ 170,676.80	\$19.63	\$ 269,323.60
12	2" IPS PE2406, SDR11, BORE, 42" MIN. DEPTH	2,493	L.F.	\$25.50	\$ 63,571.50	\$14.74	\$ 36,746.82	\$19.63	\$ 48,937.59
13	2" NOM. O.D. STEEL PIPE, API 5L GR. B, SCH. 40, EFB COATING WITH 25 MILS NAPROCK ABRASION COATING, MIN DEPTH 5', HDD BORE	50	L.F.	\$34.68	\$ 1,734.00	\$98.92	\$ 4,946.00	\$70.22	\$ 3,511.00
14	1" IPS PE2406, SDR11, PIPE, 42" MIN. DEPTH	300	L.F.	\$10.00	\$ 3,000.00	\$17.62	\$ 5,286.00	\$15.72	\$ 4,716.00
15	1" NOM. O.D. STEEL PIPE, API 5L GR. B, SCH. 40, EFB COATING WITH 25 MILS NAPROCK ABRASION COATING, MIN DEPTH 5', HDD BORE	100	L.F.	\$26.93	\$ 2,693.00	\$82.37	\$ 8,237.00	\$28.66	\$ 2,866.00
16	3/4" IPS PE 2406 PIPE, W.T. 0.095 INCHES SDR 11, SERVICE PIPE, INSTALLATION BY OPEN TRENCH, VIBRATORY PLOW, INSERT AND OR BORE	15,710	L.F.	\$10.00	\$ 157,100.00	\$17.34	\$ 272,411.40	\$15.50	\$ 243,505.00
17	3/4" NOM. O.D. STEEL BORE STEEL PIPE, API 5L GR. B, SCH. 40, W.T. 0.133, 12-14 MILS OF EFB COATING, INSTALLED BY BORE, MINIMUM DEPTH 5'	650	L.F.	\$26.93	\$ 17,504.50	\$55.00	\$ 35,750.00	\$28.04	\$ 18,226.00

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 MARSHALL COUNTY, MISSISSIPPI**

				ENGINEERING ESTIMATE		Mid-South Boring & Piping, LLC		T.J. Construction, Inc.	
						Collierville, TN 38017		Florence, AL 35634	
						MS Certification: 16841-MC		MS Certification: 12923	
18	6" IPS PE2406 BALL VALVE, FULL PORT, QUARTER TURN ON-OFF, AS PER ASTM D-2513, SDR11, BUTT FUSION ENDS, NORDSTROM #84111, WITH C.I. VALVE BOX ASSEMBLY	3	EACH	\$1,250.00	\$ 3,750.00	\$1,199.75	\$ 3,599.25	\$2,235.00	\$ 6,705.00
19	4" IPS PE2406 BALL VALVE, FULL PORT, QUARTER TURN ON-OFF, AS PER ASTM D-2513, SDR11, BUTT FUSION ENDS, NORDSTROM #84111, WITH C.I. VALVE BOX ASSEMBLY	26	EACH	\$750.00	\$ 19,500.00	\$566.25	\$ 14,722.50	\$1,435.00	\$ 37,310.00
20	2" IPS PE2406 BALL VALVE, FULL PORT, QUARTER TURN ON-OFF, AS PER ASTM D-2513, SDR11, BUTT FUSION ENDS, NORDSTROM #84111, WITH C.I. VALVE BOX ASSEMBLY	34	EACH	\$250.00	\$ 8,500.00	\$311.00	\$ 10,574.00	\$1,005.00	\$ 34,170.00
21	4" NOM. O.D. CARBON STEEL BALL VALVE, FULL PORT FOR MAKING A HOT TAP, WELD X RAISED FACE FLANGED END, ANSI 150 AND AS PER API 6D. FOR BELOW GROUND USE, 2" SQUARE NUT OPERATOR FOR VALVE KEY USE. ONE END BEVELED FOR WELDING. 1 - 4" NOM. O.D. RAISED FACE FLANGE, WELD NECK, STANDARD BORE, ANSI 150, AS PER ASTM A181, GRADE I, AS PER ANSI B16.5, 8 - 5/8" X 4 1/2" ALL THREAD STUD BOLT FOR 4" NOM. O.D. RAISED FACE FLANGE, ANSI 150, GRADE B7 ALLOY, WITH 2 GRADE 2H HEX NUTS, AS PER ASTM A193 AND ASTM A194, 1 - 4" NOM. CENTRAL "JOCK" O-RING TYPE GASKET OR APPROVED EQUAL, G3 PHENOLIC MATERIAL, FULL FACED "E" TYPE, FOR ANSI 150 FLANGES, NON INSULATING	1	EACH	\$1,850.00	\$ 1,850.00	\$2,670.70	\$ 2,670.70	\$6,141.50	\$ 6,141.50
22	2" NOM. O.D. CARBON STEEL BALL VALVE, FULL PORT FOR MAKING A HOT TAP, R.F. X R.F, ANSI 150 AND AS PER API 6D. FOR BELOW GROUND USE, 2" SQUARE NUT OPERATOR FOR VALVE KEY USE. 2 - RAISED FACE FLANGE, WELD NECK, STANDARD BORE, ANSI 150, AS PER ASTM A181, GRADE I, AS PER ANSI B16.5, 4 - 5/8" X 4" ALL THREAD STUD BOLT FOR 2" NOM. O.D. RAISED FACE FLANGE, ANSI 150, GRADE B7 ALLOY, WITH 2 GRADE 2H HEX NUTS, AS PER ASTM A193 AND ASTM A194, 2" NOM. 1 - CENTRAL "JOCK" O-RING TYPE GASKET OR APPROVED EQUAL, G3 PHENOLIC MATERIAL, FULL FACED "E" TYPE, FOR ANSI 150 FLANGES, NON INSULATING	1	EACH	\$1,350.00	\$ 1,350.00	\$1,472.65	\$ 1,472.65	\$4,763.80	\$ 4,763.80

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						Collierville, TN 38017		Florence, AL 35634	
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23	6" IPS 90 DEG. ELL, PE 2406 SDR 11, BUTT FUSION	1	EACH	\$89.28	\$ 89.28	\$141.40	\$ 141.40	\$138.50	\$ 138.50
24	4" IPS 90 DEG. ELL, PE 2406 SDR 11, BUTT FUSION	19	EACH	\$74.40	\$ 1,413.60	\$68.40	\$ 1,299.60	\$97.93	\$ 1,860.67
25	4" NOM. O.D. W.E., SCH 40, WPB, 90 DEGREE ELL	1	EACH	\$85.00	\$ 85.00	\$322.45	\$ 322.45	\$110.95	\$ 110.95
26	2" IPS 90 DEG. ELL, PE 2406 SDR 11, BUTT FUSION	7	EACH	\$61.75	\$ 432.25	\$58.05	\$ 406.35	\$59.55	\$ 416.85
27	6" x 6" x 6" IPS TEE, PE 2406 SDR 11, BUTT FUSION	2	EACH	\$175.00	\$ 350.00	\$310.95	\$ 621.90	\$309.85	\$ 619.70
28	4" x 4" x 4" IPS TEE, PE 2406 SDR 11, BUTT FUSION	19	EACH	\$124.66	\$ 2,368.54	\$244.55	\$ 4,646.45	\$219.95	\$ 4,179.05
29	2" x 2" x 2" IPS TEE, PE 2406 SDR 11, BUTT FUSION	5	EACH	\$89.99	\$ 449.95	\$206.90	\$ 1,034.50	\$156.95	\$ 784.75
30	4" x 6" IPS REDUCER, PE 2406 SDR11, BUTT FUSION FITTING	5	EACH	\$63.47	\$ 317.35	\$227.60	\$ 1,138.00	\$124.45	\$ 622.25
31	2" x4" IPS REDUCER, PE 2406 SDR11, BUTT FUSION FITTING	13	EACH	\$52.89	\$ 687.57	\$160.35	\$ 2,084.55	\$84.95	\$ 1,104.35
32	6" IPS PE2406 END CAP, SDR11, BUTT FUSION FITTING	1	EACH	\$78.00	\$ 78.00	\$277.60	\$ 277.60	\$72.80	\$ 72.80
33	4" IPS PE2406 END CAP, SDR11, BUTT FUSION FITTING	3	EACH	\$61.58	\$ 184.74	\$212.65	\$ 637.95	\$60.50	\$ 181.50
34	2" IPS PE2406 END CAP, SDR11, BUTT FUSION FITTING	24	EACH	\$25.48	\$ 611.52	\$55.18	\$ 1,324.32	\$29.50	\$ 708.00
35	1" IPS PE2406 END CAP, SDR11, BUTT FUSION FITTING	5	EACH	\$25.86	\$ 129.30	\$54.60	\$ 273.00	\$28.55	\$ 142.75
36	3/4" IPS PE2406 END CAP, SDR11, BUTT FUSION FITTING	20	EACH	\$28.30	\$ 566.00	\$39.03	\$ 780.60	\$27.95	\$ 559.00
37	2" IPS ELECTROFUSION SADDLE BASE TAPPING TEE, PE 2406, HIGH VOLUME TO FIT 2", 4" OR 6" IPS PE PIPE	36	EACH	\$350.00	\$ 12,600.00	\$1,128.80	\$ 40,636.80	\$93.92	\$ 3,381.12
38	1" IPS ELECTROFUSION SADDLE BASE TAPPING TEE, PE 2406, HIGH VOLUME, TO FIT 1", 2" 4" OR 6" IPS PE PIPE	3	EACH	\$300.00	\$ 900.00	\$867.85	\$ 2,603.55	\$301.65	\$ 904.95
39	3/4" IPS ELECTROFUSION SADDLE BASE TAPPING TEE, PE 2406, HIGH VOLUME, TO FIT 3/4", 1", 2" 4" OR 6" IPS PE PIPE	366	EACH	\$315.00	\$ 115,290.00	\$813.25	\$ 297,649.50	\$298.25	\$ 109,159.50
40	4" IPS ELECTROFUSION COUPLING FOR PE2406 PIPE SDR11	12	EACH	\$115.00	\$ 1,380.00	\$93.70	\$ 1,124.40	\$127.75	\$ 1,533.00
41	2" IPS ELECTROFUSION COUPLING FOR PE2406 PIPE SDR11	6	EACH	\$95.00	\$ 570.00	\$64.95	\$ 389.70	\$60.15	\$ 360.90
42	3/4" IPS ELECTROFUSION COUPLING FOR PE2406 PIPE SDR11	2	EACH	\$89.90	\$ 179.80	\$35.35	\$ 70.70	\$31.95	\$ 63.90
43	6" NOM. O.D. STEEL x 4" IPS PE TRANSITION FITTING, PE 2406, SDR 11 x API 5L GR. B. SCH. 40, STEEL	3	EACH	\$400.00	\$ 1,200.00	\$734.10	\$ 2,202.30	\$500.40	\$ 1,501.20
44	4" NOM. O.D. STEEL x 4" IPS PE TRANSITION FITTING, PE 2406, SDR 11 x API 5L GR. B. SCH. 40, STEEL	8	EACH	\$300.00	\$ 2,400.00	\$417.30	\$ 3,338.40	\$277.95	\$ 2,223.60

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45	2" NOM. O.D. STEEL x 2" IPS PE TRANSITION FITTING, PE 2406, SDR 11 x API 5L GR. B, SCH. 40, STEEL	2	EACH	\$200.00	\$ 400.00	\$305.20	\$ 610.40	\$203.95	\$ 407.90
46	1" NOM. O.D. STEEL x 1" IPS PE TRANSITION FITTING, PE 2406, SDR 11 x API 5L GR. B, SCH. 40, STEEL	2	EACH	\$140.00	\$ 280.00	\$232.20	\$ 464.40	\$92.95	\$ 185.90
47	3/4" NOM. O.D. STEEL x 3/4" IPS PE TRANSITION FITTING, PE 2406, SDR 11 x API 5L GR. B, SCH. 40, STEEL	2	EACH	\$186.98	\$ 373.96	\$200.30	\$ 400.60	\$90.45	\$ 180.90
48	1-1/4" X 2" NOM. O.D. REDUCER, WPB, SCH. 40, GR. B, WELD ENS. CARBON STEEL	1	EACH	\$125.00	\$ 125.00	\$264.38	\$ 264.38	\$119.55	\$ 119.55
49	2" X 4" NOM. O.D. REDUCER, WPB, SCH. 40, GR. B, WELD ENS. CARBON STEEL	1	EACH	\$175.00	\$ 175.00	\$305.20	\$ 305.20	\$129.95	\$ 129.95
50	ANODELESS RISER - 3/4" IPS PE 2406, SDR 11 INLET PIPING X 1" MNPT NOM. O.D. STEEL PIPE RISER OUTLET, STANDARD SIZE 30V X 30H, SCH. 40 STEEL EPOXY COATED CASING, AS PER ASTM D2513 AND DOT 192.283, WITH 1" FNPT X 1" FNPT MUELLER GAS METER BALL VALVE, 200 PSIG MAX. WORKING PRESSURE, INTEGRAL LOCKING ABILITY, MUELLER CATALOG # B-31175 OR APPROVED EQUAL	238	EACH	\$475.47	\$ 113,161.86	\$327.35	\$ 77,909.30	\$414.94	\$ 98,755.72
51	ANODELESS RISER - 2" IPS PE 2406, SDR 11 INLET PIPING X 2" MNPT NOM. O.D. STEEL PIPE RISER OUTLET, STANDARD SIZE 30V X 30H, SCH. 40 STEEL EPOXY COATED CASING, AS PER ASTM D2513 AND DOT 192.283, WITH 2" FNPT VALVE WITH LOCKING ABILITY, ANSI 150, BALON OR APPROVED EQUAL	15	EACH	\$600.00	\$ 9,000.00	\$755.30	\$ 11,329.50	\$856.61	\$ 12,849.15
52	ANODELESS RISER - 4" IPS PE 2406, SDR 11 INLET PIPING X 4" MNPT NOM. O.D. STEEL PIPE RISER OUTLET, STANDARD SIZE 30V X 30H, SCH. 40 STEEL EPOXY COATED CASING, AS PER ASTM D2513 AND DOT 192.283, WITH 4" NOM O.D. VALVE STEEL RAISED FACE FLANGE X RAISED FACE, MUST HAVE LOCKING ABILITY, GASKETS, BOLTS AND NUTS, ANSI 150, BALON OR APPROVED EQUAL	1	EACH	\$800.00	\$ 800.00	\$3,813.55	\$ 3,813.55	\$2,070.90	\$ 2,070.90
53	SERVICE REGULATOR - 1" NOM. O.D. FNPT X FNPT GAS SERVICE REGULATOR, SENSUS MODEL 143-80-2 OR APPROVED EQUAL, SPRING RANGE 5" TO 8.5", BLUE, PART #143-62-021-16, OUTLET SET PRESSURE SHALL BE 7" WATER COLUMN, STRAIGHT THROUGH BODY, POSITION 105, 1/8" ORIFICE, 60 PSIG INLET PRESSURE, INTERNAL RELIEF VALVE, 1" VENT, FOR USE WITH NATURAL GAS.	20	EACH	\$150.00	\$ 3,000.00	\$200.60	\$ 4,012.00	\$265.27	\$ 5,305.40

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54	4" XL LARGE PERMASERT PE X C.I. MECHANICAL COUPLING, BODY STAINLESS STEEL AND PLASTIC. FOR USE WITH NATURAL GAS AND WITH 125 PSIG PRESSURE RATING. ELSTER OR APPROVED EQUAL	3	EACH	\$631.23	\$ 1,893.69	\$1,138.25	\$ 3,414.75	\$2,496.00	\$ 7,488.00
55	2" XL LARGE PERMASERT PE X C.I. MECHANICAL COUPLING, BODY STAINLESS STEEL AND PLASTIC. FOR USE WITH NATURAL GAS AND WITH 125 PSIG PRESSURE RATING. ELSTER OR APPROVED EQUAL	8	EACH	\$505.00	\$ 4,040.00	\$1,010.05	\$ 8,080.40	\$395.00	\$ 3,160.00
56	2 1/4" X 2" NOM. O.D. REDUCING MECHANICAL COUPLING FOR CONNECTING CAST C.I. TO PE, SMITH BLAIR PART #E27239A7SSRC OR APPROVED EQUAL.	2	EACH	\$375.00	\$ 750.00	\$712.20	\$ 1,424.40	\$1,895.00	\$ 3,790.00
57	4" C.I. LINE STOPPER FITTING FOR 25 - 60 PSIG APPLICATION, MUELLER H-17266 WITH COMPLETION PLUG	3	EACH	\$4,000.00	\$ 12,000.00	\$9,867.85	\$ 29,603.55	\$5,252.00	\$ 15,756.00
58	2" C.I. LINE STOPPER FITTING FOR 25 - 60 PSIG APPLICATION, MUELLER H-17265 WITH COMPLETION PLUG	4	EACH	\$3,100.00	\$ 12,400.00	\$6,098.00	\$ 24,392.00	\$3,755.00	\$ 15,020.00
59	REINFORCING SPLIT SLEEVE TEE - 4" X 4" X 4" NOM. O.D. FULL ENCIRCLEMENT, STEEL FORGINGS PART1 OR APPROVED EQUAL. TO FIT 4.5" O.D. SCH. 40 (0.237 WALL THICKNESS) RUN, BRACH TO FIT 4.5" O.D SCH. 40 (WALL THICKNESS). AS PER ASME B31.1, B31.3 ANDB, MATERIAL WPB, 35,000 PSI YIELD STRENGTH. TO BE USED FOR HOT TAP. BEVELED FOR WELDING	1	EACH	\$625.00	\$ 625.00	\$8,300.90	\$ 8,300.90	\$6,311.75	\$ 6,311.75
60	2" SMITH BLAIR 314 DOUBLE STRAP SADDLE FOR CAST IRON PIPE TAP WITH 1-1/4" VENT, ONE 1-1/4" MNPT X W.E. NIPPLE 6" LGT., ONE 1-1/4" X 2" W.E. REDUCER, WPB, SCH. 40, CARBON STEEL, TWO 2" RAISED FACE FLANGES	1	EACH	\$575.00	\$ 575.00	\$681.70	\$ 681.70	\$3,500.00	\$ 3,500.00
61	1-1/4" MNPT X W.E. NIPPLE 6" LGT., SEAMLESS, SCH. 40	1	EACH	\$55.00	\$ 55.00	\$263.80	\$ 263.80	\$122.95	\$ 122.95
62	SHAPED NIPPLE - 4.5" O.D., SCH. 40 0.237 WALL THICKNESS, LENGTH IS 4", WPB, 35,000 PSI YIELD STRENGTH AND SEAMLESS. NIPPLE 90 DEGREES TO 4" NOM. O.D. PIPE. BEVELED FOR WELDING	1	EACH	\$275.00	\$ 275.00	\$312.10	\$ 312.10	\$810.00	\$ 810.00
63	4" NOM. O.D. RAISED FACE FLANGE, THREADED FNPT, STD. BORE, ANSI 150, AS PER ASTM A181, GR. I, AS PER ANSI B16.5	2	EACH	\$400.00	\$ 800.00	\$285.65	\$ 571.30	\$231.60	\$ 463.20

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64	2" NOM. O.D. RAISED FACE FLANGE, THREADED FNPT, STD. BORE, ANSI 150, AS PER ASTM A181, GR. I, AS PER ANSI B16.5	5	EACH	\$300.00	\$ 1,500.00	\$183.35	\$ 916.75	\$222.00	\$ 1,110.00
65	4" NOM. O.D. RAISED FACE FLANGE, WELD NECK, STANDARD BORE, ANSI 150, AS PER ASTM A181, GRADE I, AS PER ANSI B16.5	3	EACH	\$450.00	\$ 1,350.00	\$397.15	\$ 1,191.45	\$330.00	\$ 990.00
66	2" NOM. O.D. RAISED FACE FLANGE, WELD NECK, STANDARD BORE, ANSI 150, AS PER ASTM A181, GRADE I, AS PER ANSI B16.5	2	EACH	\$350.00	\$ 700.00	\$387.95	\$ 775.90	\$322.00	\$ 644.00
67	5/8" X 4" ALL THREAD STUD BOLT FOR 2" NOM. O.D. RAISED FACE FLANGE, ANSI 150, GRADE B7 ALLOY, WITH 2 GRADE 2H HEX NUTS, AS PER ASTM A193 AND ASTM A194	28	EACH	\$3.00	\$ 84.00	\$13.57	\$ 379.96	\$3.65	\$ 102.20
68	5/8" X 4 1/2" ALL THREAD STUD BOLT FOR 4" NOM. O.D. RAISED FACE FLANGE, ANSI 150, GRADE B7 ALLOY, WITH 2 GRADE 2H HEX NUTS, AS PER ASTM A193 AND ASTM A194	48	EACH	\$3.50	\$ 168.00	\$13.80	\$ 662.40	\$3.80	\$ 182.40
69	4" NOM. CENTRAL "JOCK" O-RING TYPE GASKET OR APPROVED EQUAL, G3 PHENOLIC MATERIAL, FULL FACED "E" TYPE, FOR ANSI 150 FLANGES, NON INSULATING	5	EACH	\$20.00	\$ 100.00	\$150.60	\$ 753.00	\$25.00	\$ 125.00
70	2" NOM. CENTRAL "JOCK" O-RING TYPE GASKET OR APPROVED EQUAL, G3 PHENOLIC MATERIAL, FULL FACED "E" TYPE, FOR ANSI 150 FLANGES, NON INSULATING	5	EACH	\$15.00	\$ 75.00	\$100.30	\$ 501.50	\$18.00	\$ 90.00
71	1/2" CTS X 3/4" IPS PE2406, BUTT FUSION REDUCER	20	EACH	\$28.30	\$ 566.00	\$55.18	\$ 1,103.60	\$22.20	\$ 444.00
72	1/2" CTS. PE 2406, BUTT FUSION END CAP	20	EACH	\$28.30	\$ 566.00	\$52.88	\$ 1,057.60	\$21.40	\$ 428.00
73	1/2" X 3/4" IPS PE 2406, BUTT FUSION REDUCER	20	EACH	\$28.30	\$ 566.00	\$56.90	\$ 1,138.00	\$22.20	\$ 444.00
74	3/4 IPS PE 2406 TEE, BUTT FUSION	10	EACH	\$28.30	\$ 283.00	\$55.18	\$ 551.80	\$27.75	\$ 277.50
75	1" IPS PE 2406 X 3/4 " IPS PE 2406 REDUCER, BUTT FUSION	10	EACH	\$28.30	\$ 283.00	\$55.18	\$ 551.80	\$22.87	\$ 228.70
76	3/4" IPS PE 2406 SERVICE BALL VALVE WITH SQUARE LID BOX	28	EACH	\$188.00	\$ 5,264.00	\$267.30	\$ 7,484.40	\$100.00	\$ 2,800.00
77	1" IPS PE 2604 SERVICE BALL VALVE WITH SQUARE LID BOX	16	EACH	\$257.00	\$ 4,112.00	\$267.30	\$ 4,276.80	\$120.00	\$ 1,920.00
78	2" IPS PE 2406 SERVICE BALL VALVE WITH SQUARE LID, FULL PORT BOX	1	EACH	\$350.00	\$ 350.00	\$389.75	\$ 389.75	\$265.00	\$ 265.00
79	3# MAGNESIUM PACKAGED ANODE WITH TEST LEADS BROUGHT INTO C.I. VALVE BOX	5	EACH	\$181.79	\$ 908.95	\$86.80	\$ 434.00	\$150.00	\$ 750.00
80	17# MAGNESIUM PACKAGED ANODE WITH TEST LEADS BROUGHT INTO C.I. VALVE BOX	5	EACH	\$200.00	\$ 1,000.00	\$243.75	\$ 1,218.75	\$495.00	\$ 2,475.00

BIDS RECEIVED:

28-May-21

10:00 a.m.

**HOLLY SPRINGS CAST IRON, PHASE II
USDA PROJECT NO. 28-047-562100878
CITY OF HOLLY SPRINGS
MARSHALL COUNTY, MISSISSIPPI**

				ENGINEERING ESTIMATE		Mid-South Boring & Piping, LLC		T.J. Construction, Inc.	
						Collierville, TN 38017		Florence, AL 35634	
						MS Certification: 16841-MC		MS Certification: 12923	
81	EXCESS FLOW VALVE, EFV, PERFECTION 800 SERIES, 3/4" ENDS, STICK FOR BUTT FUSION , PE 2406 SDR 11, OR EQUAL	262	EACH	\$73.30	\$ 19,204.60	\$135.65	\$ 35,540.30	\$100.00	\$ 26,200.00
82	EXCESS FLOW VALVE, EFV, PERFECTION 1100 SERIES, 3/4" ENDS, STICK FOR BUTT FUSION , PE 2406 SDR 11, OR EQUAL	46	EACH	\$73.30	\$ 3,371.80	\$135.65	\$ 6,239.90	\$100.00	\$ 4,600.00
83	COMMERCIAL METER & REGULATOR 415: SENSUS 415, DIRECT READ IN CUBIC FEET, ACCURACY OF 0.5%, TEMPERATURE COMPENSATED, CAPACITY 415 SCFH, SENSUS MODEL # 001-41-502-71. TO INCLUDE METER CENTER PIPING, CUT OFF BALL VALVE AND REGULATOR. REGULATOR TYPE SHALL BE SENSUS 143-80 WITH 1" x 1" FNPT ENDS, ORIFICE SIZE OF 1/8", SET POINT SHALL BE 7" WATER COLUMN, CAPACITY AT 40 SPIG INLET PRESSURE IS 850 SCFH OR APPROVED EQUAL, ANODELESS RISER, METER CENTER PIPING, VALVES & FITTINGS.	10	EACH	\$1,614.60	\$ 16,146.00	\$1,791.20	\$ 17,912.00	\$715.20	\$ 7,152.00
84	COMMERCIAL METER & REGULATOR 880: SENSUS 880, DIRECT READ IN CUBIC FEET, ACCURACY OF 0.5%, TEMPERATURE COMPENSATED, CAPACITY 415 SCFH, SENSUS MODEL NUMBER 001-41-502-71. TO INCLUDE METER CENTER PIPING, CUT OFF BALL VALVE AND REGULATOR. REGULATOR TYPE SHALL BE SENSUS 143-80 WITH 1" X 1" FNPT ENDS, ORIFICE SIZE OF 1/4", SET POINT SHALL BE 7" WATER COLUMN, CAPACITY AT 40 PSIG INLET PRESSURE IS 850 SCFH. THIS ITEM INCLUDES ALL PIPE, EQUIPMENT AND FITTINGS TO TIE INTO THE GAS SERVICE RISER AND THE GAS FUEL LINE	5	EACH	\$2,440.70	\$ 12,203.50	\$3,552.50	\$ 17,762.50	\$1,447.30	\$ 7,236.50
85	SERVICE METER AND REGULATOR, R275, TC, VALVE, LOOPS, ANODELESS RISER, 1" INSULATED UNION AND FITTINGS FOR ONE COMPLETE METER CENTER	20	EACH	\$750.00	\$ 15,000.00	\$919.75	\$ 18,395.00	\$395.25	\$ 7,905.00
86	RIP RAP, 300# WITH FILTER CLOTH AND STAKES	40	TON	\$68.90	\$ 2,756.00	\$107.50	\$ 4,300.00	\$100.00	\$ 4,000.00
87	VALVE MARKERS	63	EACH	\$85.00	\$ 5,355.00	\$82.20	\$ 5,178.60	\$73.75	\$ 4,646.25
88	GAS PIPELINE MARKERS	72	EACH	\$85.00	\$ 6,120.00	\$82.20	\$ 5,918.40	\$53.95	\$ 3,884.40
90	TRACER WIRE PE30-12 GA., POLYETHYLENE JACKETED 30 MILS THICK, 12 GA. COPPER WIRE, LABELED FOR NATURAL GAS WITH 3M - PART # DBY/DBR DIRECT BURY SPLICE KIT	63,140	L.F.	\$0.39	\$ 24,624.60	\$0.25	\$ 15,785.00	\$0.25	\$ 15,785.00

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						MS Certification: 16841-MC		MS Certification: 12923	
91	SEEDING, FERTILIZER, AGRICULTURAL LIMESTONE, VEGETATIVE MULCH AND GROUND PREPARATION FOR GRASSING	3	ACRE	\$1,600.00	\$ 4,800.00	\$1,075.00	\$ 3,225.00	\$1,250.00	\$ 3,750.00
92	SILT FENCE, STAKES AND BACKING	4.000	L.F.	\$2.15	\$ 8,600.00	\$6.15	\$ 24,600.00	\$1.00	\$ 4,000.00
93	WATTLE, SEDIMENTATION LOG 12" DIAMETER X 10' LGT., WITH STAKING	50	EACH	\$120.00	\$ 6,000.00	\$82.50	\$ 4,125.00	\$60.00	\$ 3,000.00
94	BERMUDA SOD/FESCU	3,800	SQ. FT.	\$0.95	\$ 3,610.00	\$2.15	\$ 8,170.00	\$2.00	\$ 7,600.00
95	EROSION CONTROL EXCELSIOR MAT WITH STAKING	1,000	SQ. FT.	\$5.00	\$ 5,000.00	\$2.08	\$ 2,080.00	\$1.00	\$ 1,000.00
96	GRAVEL DRIVE REPAIR, CR610 CRUSHED LIMESTONE, COMPACTION REQUIRED	100	TON	\$58.30	\$ 5,830.00	\$100.25	\$ 10,025.00	\$30.00	\$ 3,000.00
97	CONCRETE PAVEMENT REPAIR WITH SUBBASE AS PER CONCRETE REPAIR TYPICAL	2,440	SQ. FT.	\$18.00	\$ 43,920.00	\$2.00	\$ 4,880.00	\$3.00	\$ 7,320.00
98	CONCRETE CURB AND GUTTER, REPLACE IN KIND, AS PER CONCRETE CURB AND GUTTER TYPICAL	40	CU. YD.	\$95.00	\$ 3,800.00	\$190.00	\$ 7,600.00	\$110.00	\$ 4,400.00
99	ASPHALT PAVEMENT REPAIR WITH SUBBASE, AS PER ASPHALT STREET REPAIR TYPICAL	9,760	SQ. FT.	\$20.00	\$ 195,200.00	\$2.00	\$ 19,520.00	\$2.00	\$ 19,520.00
100	SIDEWALK CONCRETE REPAIR, 4" THICK 3,000 PSI CONCRETE AND 6 X 6 X 10 GA. WIRE REINFORCEMENT	988	SQ. YD.	\$18.00	\$ 17,784.00	\$18.00	\$ 17,784.00	\$25.00	\$ 24,700.00
101	ABANDON, REMOVE AND DISPOSE OF COLEMAN REGULATOR BUILDING, ABOVE GROUND REGULATOR STATION PIPE INSIDE BUILDING AND CONCRETE PIPE AND BUILDING SUPPORTS THAT ARE ABOVE GROUND.	1	EACH	\$7,000.00	\$ 7,000.00	\$7,500.00	\$ 7,500.00	\$4,000.00	\$ 4,000.00
102A	PRESSURE TEST AND LEAK REPAIR CREW WITH EQUIPMENT TO FORM A FUNCTIONAL CREW FOR TESTING, FINDING AND REPAIRING LEAKS. A FUNCTIONAL CREW IS A MINIMUM OF THREE WORKERS WITH EQUIPMENT TO PERFORM TASKS SUCH AS ISOLATE THE SYSTEM BEING TESTED, PERFORM PRESSURE AND LEAK TEST, FIND LEAKS AND REPAIR LEAKS, RECONNECT THE CUSTOMERS AND TESTED PIPE BACK TO SERVICE AND PREPARE TEST DOCUMENTS. RELIGHT CUSTOMERS APPLIANCES THAT WERE OFF DUE TO THE TEST OR REPAIRS. A NEW GAS SERVICE RECORD SHALL BE PREPARED FOR EACH SERVICE THAT IS TESTED. REPAIR OR ISOLATION MATERIALS USED DURING THIS PROCESS SHALL BE CHARGED TO THIS BID ITEM	200	HR	\$750.00	\$ 150,000.00	\$275.00	\$ 55,000.00	\$384.59	\$ 76,918.00

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102B	OVERTIME RATE FOR PRESSURE TEST AND LEAK REPAIR CREW WITH EQUIPMENT WHEN THE WORK SITUATION DICTATES THAT A TASK MUST BE COMPLETED BEFORE THE CREW RETIRES FOR THE DAY	40	HR	\$1,125.00	\$ 45,000.00	\$375.00	\$ 15,000.00	\$486.44	\$ 19,457.60
102C	SEPARATE WELDER WITH EQUIPMENT FOR WHEN LEAKS REQUIRE REPAIRE ON STEEL FACILITIES. THIS EMPLOYEE WILL ONLY BE UTILIZED WHEN STEEL REPAIRS ARE REQUIRED.	24	HR	\$1,000.00	\$ 24,000.00	\$150.00	\$ 3,600.00	\$229.94	\$ 5,518.56
103	PROJECT SIGN	1	EACH	800.0	\$ 800.00	\$800.00	\$ 800.00	\$800.00	\$ 800.00
TOTAL				\$	2,120,904.86	\$	2,203,631.86	\$	2,300,166.81

I CERTIFY THIS TO BE A TRUE AND ACCURATE TABULATION OF ALL BIDS RECEIVED



 Larry L. Britt, PE/PS
 Consulting Engineer

5/28/21

 Date