

HART COUNTY WATER AND SEWER AUTHORITY  
WATER IMPROVEMENTS PROJECT  
DECEMBER 20, 2018

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	Arrowood General Contracting P.O. Box 459 Eastanollee, GA 30538 706-491-4546		AM Construction LLC 1375 Oakley Industrial Blvd Fairburn, GA 30213 770-251-4710	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
00520.00TA	PERFORMANCE BOND	LS	1	\$0.00	\$0.00	\$15,400.00	\$15,400.00
00530.00TA	LABOR & MATERIAL PAYMENT BOND	LS	1	\$12,000.00	\$12,000.00	\$15,400.00	\$15,400.00
00700.00TA	INSURANCE	LS	1	\$0.00	\$0.00	\$11,000.00	\$11,000.00
01025.00TA	VIDEOTAPING THE WATERLINE ROUTE (CD/DVD FORMAT)	LS	1	\$250.00	\$250.00	\$250.00	\$250.00
02227.00TA	ROCK REMOVAL - TRENCH ROCK	CY	100	\$70.00	\$7,000.00	\$70.00	\$7,000.00
02270.00TA	EROSION CONTROL						
02270.01TA	SILT FENCE - TYPE A	LF	5,235	\$0.01	\$52.35	\$3.25	\$17,013.75
02270.02TA	SILT FENCE - TYPE C	LF	165	\$0.01	\$1.65	\$4.95	\$816.75
02270.03TA	HAYBALE CHECK DAMS	EA	376	\$10.00	\$3,760.00	\$440.00	\$165,440.00
02300.00	BORING AND JACKING						
02300.01TA	8" FREEBORE - COMPLETE INCLUDING 8" CLASS 350 DUCTILE IRON PIPE, ETC.	LF	30	\$50.00	\$1,500.00	\$84.92	\$2,547.60
02300.02TA	6" FREEBORE - COMPLETE INCLUDING 6" CLASS 350 DUCTILE IRON PIPE, ETC.	LF	205	\$40.00	\$8,200.00	\$80.19	\$16,438.95
02300.03TA	8" FREEBORE - COMPLETE INCLUDING 8" PVC DR 18 C900 PIPE, ETC.	LF	65	\$40.00	\$2,600.00	\$75.46	\$4,904.90
02300.04TA	6" FREEBORE - COMPLETE INCLUDING 6" PVC DR 18 C900 PIPE, ETC.	LF	195	\$30.00	\$5,850.00	\$71.91	\$14,022.45
02341.00TA	HORIZONTAL DIRECTIONAL DRILLING						
02341.01TA	HORIZONTAL DIRECTIONAL DRILLING COMPLETE INCLUDING 8" DIA. C900 FUSIBLE PVC	LF	150	\$120.00	\$18,000.00	\$163.21	\$24,481.50
02341.02TA	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING THROUGH ROCK FOR 8" DIA. WATERLINE	LF	30	\$0.00	\$0.00	\$196.21	\$5,886.30
02341.03TA	HORIZONTAL DIRECTIONAL DRILLING COMPLETE INCLUDING 6" DIA. C900 FUSIBLE PVC	LF	100	\$120.00	\$12,000.00	\$146.71	\$14,671.00
02341.04TA	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING THROUGH ROCK FOR 6" DIA. WATERLINE	LF	30	\$0.00	\$0.00	\$196.21	\$5,886.30
02523.00TA	SIDEWALKS, DRIVEWAYS, CURBS, AND GUTTERS						
02523.01TA	GRAVEL DRIVEWAY RESTORATION PER DETAIL GP8	LF	1,383	\$7.00	\$9,681.00	\$14.49	\$20,039.67
02523.02TA	PAVEMENT CUT AND REPAIR	LF	226	\$40.00	\$9,040.00	\$119.68	\$27,047.68
02645.00TA	FIRE HYDRANT ASSEMBLIES						
02645.01TA	FIR HYDRANT ASSEMBLY - COMPLETE	EA	32	\$2,800.00	\$89,600.00	\$4,320.25	\$138,248.00
02645.02TA	6" LINE TERMINATIONS WITH FIRE HYDRANT ASSEMBLY - COMPLETE	EA	4	\$2,800.00	\$11,200.00	\$4,627.98	\$18,511.92
02660.00TA	WATER DISTRIBUTION SYSTEMS						
02660.01TA	8" DIA. AWWA C900 PVC DR 18 WATER PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	12,465	\$14.50	\$180,742.50	\$28.02	\$349,269.30
02660.02TA	8" DIA. CLASS 350 DUCTILE IRON PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	120	\$23.00	\$2,760.00	\$37.48	\$4,497.60
02660.03TA	8" GATE VALVES - COMPLETE INCLUDING VALVE BOX, CONCRETE PAD, MARKER, ETC.	EA	11	\$1,050.00	\$11,550.00	\$1,208.63	\$13,294.93
02660.04TA	6" DIA. AWWA C900 PVC DR 18 WATER PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	20,202	\$10.65	\$215,151.30	\$24.00	\$484,848.00
02660.05TA	6" DIA. CLASS 350 DUCTILE IRON PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	100	\$20.00	\$2,000.00	\$32.75	\$3,275.00
02660.06TA	6" GATE VALVES - COMPLETE INCLUDING VALVE BOX, CONCRETE PAD, MARKER, ETC.	EA	15	\$700.00	\$10,500.00	\$841.78	\$12,626.70
02660.07TA	8" RESTRAINED JOINTS	EA	20	\$1.00	\$20.00	\$119.39	\$2,387.80
02660.08TA	6" RESTRAINED JOINTS	EA	20	\$1.00	\$20.00	\$80.96	\$1,619.20
02660.09TA	CONNECT TO EXISTING 8" WATERLINE WITH 8" X 8" TAPPING SLEEVE AND 8" GATE VALVE	EA	1	\$3,000.00	\$3,000.00	\$7,447.00	\$7,447.00
02660.10TA	CONNECT TO EXISTING 8" WATERLINE WITH 8" X 6" TAPPING SLEEVE AND 6" GATE VALVE	EA	1	\$2,500.00	\$2,500.00	\$6,872.25	\$6,872.25
02660.11TA	CONNECT TO EXISTING 12" WATERLINE WITH 12" X 8" TAPPING SLEEVE AND 8" GATE VALVE	EA	1	\$2,800.00	\$2,800.00	\$9,900.00	\$9,900.00
02660.12TA	CONNECT TO EXISTING 12" WATERLINE WITH 12" X 6" TAPPING SLEEVE AND 6" GATE VALVE	EA	3	\$2,000.00	\$6,000.00	\$8,793.13	\$26,379.39
02665.00TA	WATER SERVICE CONNECTIONS						
02665.01TA	3/4" SHORT SIDE SERVICE CONNECTIONS - COMPLETE; (OWNER TO PROVIDE METER AND METER BOX. CONTRACTOR TO INSTALL)	EA	50	\$500.00	\$25,000.00	\$682.00	\$34,100.00
02665.02TA	3/4" LONG SIDE SERVICE CONNECTIONS - COMPLETE; (OWNER TO PROVIDE METER AND METER BOX. CONTRACTOR TO INSTALL.)	EA	50	\$500.00	\$25,000.00	\$2,242.63	\$112,131.50
02931.00TA	MULCH WITH PERMANENT GRASSING	LF	30,563	\$1.00	\$30,563.00	\$1.38	\$42,176.94
<b>TARGET AREA SUBTOTAL</b>					<b>\$708,341.80</b>		<b>\$1,635,832.38</b>

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				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
00520.00NATA	PERFORMANCE BOND	LS	1	\$0.00	\$0.00	\$15,400.00	\$15,400.00
00530.00NATA	LABOR & MATERIAL PAYMENT BOND	LS	1	\$12,000.00	\$12,000.00	\$15,400.00	\$15,400.00
00700.00NATA	INSURANCE	LS	1	\$500.00	\$500.00	\$11,000.00	\$11,000.00
01025.00NATA	VIDEOTAPING THE WATERLINE ROUTE (CD/DVD FORMAT)	LS	1	\$250.00	\$250.00	\$250.00	\$250.00
02227.00NATA	ROCK REMOVAL - TRENCH ROCK	CY	100	\$70.00	\$7,000.00	\$70.00	\$7,000.00
02270.00NATA	EROSION CONTROL						
02270.01NATA	SILT FENCE - TYPE A	LF	2,945	\$0.01	\$29.45	\$3.25	\$9,571.25
02270.02NATA	HAYBALE CHECK DAMS	EA	163	\$10.00	\$1,630.00	\$440.00	\$71,720.00
02300.00NATA	BORING AND JACKING						
02300.01NATA	8" FREEBORE - COMPLETE INCLUDING 8" CLASS 350 DUCTILE IRON PIPE, ETC.	LF	195	\$50.00	\$9,750.00	\$84.92	\$16,559.40
02300.02NATA	6" FREEBORE - COMPLETE INCLUDING 6" CLASS 350 DUCTILE IRON PIPE, ETC.	LF	30	\$40.00	\$1,200.00	\$80.19	\$2,405.70
02300.03NATA	8" FREEBORE - COMPLETE INCLUDING 8" PVC DR 18 C900 PIPE, ETC.	LF	223	\$40.00	\$8,920.00	\$75.46	\$16,827.58
02300.04NATA	6" FREEBORE - COMPLETE INCLUDING 6" PVC DR 18 C900 PIPE, ETC.	LF	30	\$30.00	\$900.00	\$71.91	\$2,157.30
02300.05NATA	JACK & BORE CONVENTIONAL - COMPLETE WITH 16" DIA. STEEL CASING AND 8" DIA. CLASS 350 DUCTILE IRON WATER CARRIER PIPE, SPACERS, END SEALS, ETC.	LF	50	\$120.00	\$6,000.00	\$497.34	\$24,867.00
02300.06NATA	ADD ON CHARGE - BORING AND JACKING THROUGH ROCK COMPLETE WITH 16" DIA. STEEL CASING AND 8" DIA. CLASS 350 DUCTILE IRON WATER CARRIER PIPE, SPACERS, END SEALS, ETC.	LF	20	\$100.00	\$2,000.00	\$497.34	\$9,946.80
02341.00NATA	HORIZONTAL DIRECTIONAL DRILLING						
02341.01NATA	HORIZONTAL DIRECTIONAL DRILLING COMPLETE INCLUDING 8" DIA. C900 FUSIBLE PVC	LF	100	\$150.00	\$15,000.00	\$163.21	\$16,321.00
02341.02NATA	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING THROUGH ROCK FOR 8" DIA. WATERLINE	LF	30	\$0.00	\$0.00	\$196.21	\$5,886.30
02523.00NATA	SIDEWALKS, DRIVEWAYS, CURBS, AND GUTTERS						
02523.01NATA	GRAVEL DRIVEWAY RESTORATION PER DETAIL GP8	LF	479	\$10.00	\$4,790.00	\$14.49	\$6,940.71
02523.02NATA	PAVEMENT CUT AND REPAIR	LF	139	\$40.00	\$5,560.00	\$115.28	\$16,023.92
02645.00NATA	FIRE HYDRANT ASSEMBLIES						
02645.01NATA	FIR HYDRANT ASSEMBLY - COMPLETE	EA	18	\$2,800.00	\$50,400.00	\$4,138.75	\$74,497.50
02660.00NATA	WATER DISTRIBUTION SYSTEMS						
02660.01NATA	8" DIA. AWWA C900 PVC DR 18 WATER PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	14,042	\$14.00	\$196,588.00	\$28.02	\$393,456.84
02660.02NATA	8" DIA. CLASS 350 DUCTILE IRON PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	60	\$23.00	\$1,380.00	\$37.48	\$2,248.80
02660.03NATA	8" GATE VALVES - COMPLETE INCLUDING VALVE BOX, CONCRETE PAD, MARKER, ETC.	EA	10	\$1,100.00	\$11,000.00	\$1,291.40	\$12,914.00
02660.04NATA	6" DIA. AWWA C900 PVC DR 18 WATER PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	3,504	\$11.65	\$40,821.60	\$24.18	\$84,726.72
02660.05NATA	6" DIA. CLASS 350 DUCTILE IRON PIPE, INCLUDES FITTINGS, RESTRAINT, ETC.	LF	80	\$20.00	\$1,600.00	\$32.75	\$2,620.00
02660.06NATA	6" GATE VALVES - COMPLETE INCLUDING VALVE BOX, CONCRETE PAD, MARKER, ETC.	EA	9	\$750.00	\$6,750.00	\$841.78	\$7,576.02
02660.07NATA	8" RESTRAINED JOINTS	EA	20	\$1.00	\$20.00	\$119.39	\$2,387.80
02660.08NATA	6" RESTRAINED JOINTS	EA	20	\$1.00	\$20.00	\$80.96	\$1,619.20
02660.09NATA	CONNECT TO EXISTING 12" WATERLINE WITH 12" X 8" TAPPING SLEEVE AND 8" GATE VALVE	EA	1	\$2,800.00	\$2,800.00	\$9,900.00	\$9,900.00
02660.10NATA	CONNECT TO EXISTING 12" GATE VALVE WITH 12" X 8" REDUCER	EA	1	\$1,000.00	\$1,000.00	\$26,379.38	\$26,379.38
02665.00NATA	WATER SERVICE CONNECTIONS						
02665.01NATA	3/4" SHORT SIDE SERVICE CONNECTIONS - COMPLETE; (OWNER TO PROVIDE METER AND METER BOX. CONTRACTOR TO INSTALL)	EA	25	\$500.00	\$12,500.00	\$682.00	\$17,050.00
02665.02NATA	3/4" LONG SIDE SERVICE CONNECTIONS - COMPLETE; (OWNER TO PROVIDE METER AND METER BOX. CONTRACTOR TO INSTALL.)	EA	25	\$500.00	\$12,500.00	\$2,242.63	\$56,065.75
02931.00NATA	MULCH WITH PERMANENT GRASSING	LF	17,110	\$1.00	\$17,110.00	\$1.38	\$23,611.80
<b>NON TARGET AREA SUBTOTAL</b>					<b>\$430,019.05</b>		<b>\$963,330.77</b>
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,138,360.85</b>		<b>\$2,599,163.15</b>

MANDATORY ALTERNATE BID ITEMS

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	Arrowood General Contracting P.O. Box 459 Eastanollee, GA 30538 706-491-4546		AM Construction LLC 1375 Oakley Industrial Blvd Fairburn, GA 30213 770-251-4710	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
ATTACHMENT	NPDES PLAN IMPLEMENTATION	LS	1	\$3,000.00	\$3,000.00	\$4,400.00	\$4,400.00
02341.01A	HORIZONTAL DIRECTIONAL DRILLING COMPLETE INCLUDING 8" DIA. SDR 9 HDPE	LF	250	\$110.00	\$27,500.00	\$148.20	\$37,050.00
02341.02A	HORIZONTAL DIRECTIONAL DRILLING COMPLETE INCLUDING 8" DIA. SDR 9 HDPE	LF	100	\$110.00	\$11,000.00	\$125.37	\$12,537.00

I hereby certify this to be a true and accurate tabulation of bids received by the Hart County Water and Sewer Authority on December 20, 2018.

Zack C. Bryan, P.E.  
Engineering Management, Inc.

\*INCORRECT TOTALS ARE IN BOLD AND ITALICS AND CORRECTED