

Project Name:	Mouzon Water Improvements
Project Number:	09-0202
Engineer:	EASTERN ENGINEERING
Owner:	Williamsburg County Water & Sewer Authority
County:	Williamsburg County

Date:	1/13/20
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TABULATION OF BIDS

I, Harry R. Askins, certify that this below is the true and correct bid tabulation of the lowest bidder received on 1/13/20.

*Harry R. Askins*

Div. 1 Bid (LINE WORK)		BIDDER RANK=		1		2		3		4		5	
Item No.	Description	Unit	Estimated Quantity	Bidder:	Complete Utilities	Bidder:	Maxcy Hicks & Sons	Bidder:	Barwick Plumbing Co.	Bidder:	Southern Fiber Construction & Management	Bidder:	R.H. Moore
				Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total
1	Furnish & Install 2" PVC DR 26 PR 160 Water Main w/ Tracer Wire & Magnetic Tape, Open Cut, or Augured Hole Construction, All Depths, including fittings	LF	827	\$ 5.75	\$ 4,755.25	\$ 5.00	\$ 4,135.00	\$ 7.00	\$ 5,789.00	\$ 4.80	\$ 3,969.60	\$ 6.75	\$ 5,582.25
2	Furnish & Install 2" Gate Valves w/ boxes and collars	EA	1	\$ 510.00	\$ 510.00	\$ 650.00	\$ 650.00	\$ 580.00	\$ 580.00	\$ 480.00	\$ 480.00	\$ 950.00	\$ 950.00
3	Furnish & Install 3" PVC DR 26 PR 160 Water Main w/ Tracer Wire & Magnetic Tape, Open Cut, or Augured Hole Construction, All Depths	LF	1346	\$ 6.60	\$ 8,883.60	\$ 6.00	\$ 8,076.00	\$ 7.50	\$ 10,095.00	\$ 5.35	\$ 7,201.10	\$ 8.00	\$ 10,768.00
4	Furnish & Install 3" Gate Valves w/ boxes and collars	EA	2	\$ 770.00	\$ 1,540.00	\$ 775.00	\$ 1,550.00	\$ 680.00	\$ 1,360.00	\$ 680.00	\$ 1,360.00	\$ 1,175.00	\$ 2,350.00
5	Furnish & Install 6" PVC DR 26 PR 160 Water Main w/ Tracer Wire & Magnetic Tape, Open Cut, or Augured Hole Construction, All Depths	LF	3600	\$ 10.10	\$ 36,360.00	\$ 8.00	\$ 28,800.00	\$ 10.00	\$ 36,000.00	\$ 9.75	\$ 35,100.00	\$ 11.85	\$ 42,660.00
6	Furnish & Install 6" RJ PVC DR 26 PR 160 Water Main w/ Tracer Wire & Magnetic Tape, Open Cut, or Augured Hole Construction, All Depths	LF	76	\$ 14.85	\$ 1,128.60	\$ 12.00	\$ 912.00	\$ 20.00	\$ 1,520.00	\$ 15.50	\$ 1,178.00	\$ 35.00	\$ 2,660.00
7	Furnish & Install 6" Gate Valves w/ boxes and collars	EA	3	\$ 990.00	\$ 2,970.00	\$ 1,125.00	\$ 3,375.00	\$ 980.00	\$ 2,940.00	\$ 895.00	\$ 2,685.00	\$ 1,225.00	\$ 3,675.00
8	Furnish & Install 8" HDPE DR 11 Water Main by HDD including adapters	LF	114	\$ 72.00	\$ 8,208.00	\$ 60.00	\$ 6,840.00	\$ 65.00	\$ 7,410.00	\$ 67.50	\$ 7,695.00	\$ 85.00	\$ 9,690.00
9	Furnish & Install 12" PVC DR 26 PR 160 Water Main w/ Tracer Wire & Magnetic Tape, Open Cut, or Augured Hole Construction, All Depths	LF	17236	\$ 21.14	\$ 364,369.04	\$ 20.00	\$ 344,720.00	\$ 21.00	\$ 361,956.00	\$ 24.50	\$ 422,282.00	\$ 24.50	\$ 422,282.00
10	Furnish & Install 12" RJ PVC DR 26 PR 160 Water Main w/ Tracer Wire & Magnetic Tape, Open Cut, or Augured Hole Construction, All Depths	LF	768	\$ 31.74	\$ 24,376.32	\$ 27.00	\$ 20,736.00	\$ 33.50	\$ 25,728.00	\$ 35.00	\$ 26,880.00	\$ 45.00	\$ 34,560.00
11	Furnish & Install 12" Gate valves w/ boxes and collars	EA	8	\$ 2,448.00	\$ 19,584.00	\$ 2,500.00	\$ 20,000.00	\$ 2,400.00	\$ 19,200.00	\$ 2,325.00	\$ 18,600.00	\$ 2,900.00	\$ 23,200.00
12	adapters	LF	798	\$ 107.00	\$ 85,386.00	\$ 110.00	\$ 87,780.00	\$ 95.00	\$ 75,810.00	\$ 135.00	\$ 107,730.00	\$ 168.00	\$ 134,064.00
13	Furnish & Install 5/4" Fire Hydrant Assembly, All Depths	EA	17	\$ 3,870.00	\$ 65,790.00	\$ 4,000.00	\$ 68,000.00	\$ 4,020.00	\$ 68,340.00	\$ 3,875.00	\$ 65,875.00	\$ 4,605.00	\$ 78,285.00
14	Furnish & Install 2"x1/4" Post Hydrant Assembly, All Depths	EA	2	\$ 1,725.00	\$ 3,450.00	\$ 2,000.00	\$ 4,000.00	\$ 1,875.00	\$ 3,750.00	\$ 2,025.00	\$ 4,050.00	\$ 2,820.00	\$ 5,640.00
15	Furnish & Install 2"x3/4" Post Hydrant Assembly, All Depths	EA	1	\$ 1,725.00	\$ 1,725.00	\$ 2,000.00	\$ 2,000.00	\$ 1,900.00	\$ 1,900.00	\$ 2,035.00	\$ 2,035.00	\$ 2,790.00	\$ 2,790.00
16	Furnish & Install Fittings	TN	3.1	\$ 6,165.00	\$ 19,111.50	\$ 8,000.00	\$ 24,800.00	\$ 8,000.00	\$ 24,800.00	\$ 8,400.00	\$ 26,040.00	\$ 7,090.00	\$ 21,979.00
17	Furnish & Install Pipe Culvert crossing, shallow, 2" PVC inside 6" DIP Casing, see Detail	EA	1	\$ 768.00	\$ 768.00	\$ 500.00	\$ 500.00	\$ 1,200.00	\$ 1,200.00	\$ 815.00	\$ 815.00	\$ 1,925.00	\$ 1,925.00
18	Furnish & Install Pipe Culvert crossing, shallow, 3" RJ DIP, see Detail	EA	1	\$ 1,566.00	\$ 1,566.00	\$ 1,500.00	\$ 1,500.00	\$ 2,010.00	\$ 2,010.00	\$ 1,575.00	\$ 1,575.00	\$ 3,015.00	\$ 3,015.00
19	Furnish & Install Pipe Culvert crossing, deep, 6" RJ DIP, see Detail	EA	5	\$ 2,775.00	\$ 13,875.00	\$ 3,000.00	\$ 15,000.00	\$ 2,780.00	\$ 13,900.00	\$ 2,200.00	\$ 11,000.00	\$ 3,685.00	\$ 18,425.00
20	Furnish & Install Pipe Culvert crossing, shallow, 12" RJ DIP, see Detail	EA	1	\$ 2,272.00	\$ 2,272.00	\$ 2,500.00	\$ 2,500.00	\$ 2,305.00	\$ 2,305.00	\$ 2,250.00	\$ 2,250.00	\$ 3,625.00	\$ 3,625.00
21	Furnish & Install Pipe Culvert crossing, deep, 12" RJ DIP, see Detail	EA	4	\$ 5,635.00	\$ 22,540.00	\$ 7,500.00	\$ 30,000.00	\$ 5,485.00	\$ 21,940.00	\$ 5,400.00	\$ 21,600.00	\$ 6,700.00	\$ 26,800.00
22	Furnish & Install 10" Solenoid Control Valve package in vault complete, see detail	EA	1	\$ 42,000.00	\$ 42,000.00	\$ 55,000.00	\$ 55,000.00	\$ 56,900.00	\$ 56,900.00	\$ 35,500.00	\$ 35,500.00	\$ 50,000.00	\$ 50,000.00
23	Furnish & Install 10" Master Meter Assembly in vault complete, see detail	EA	1	\$ 42,000.00	\$ 42,000.00	\$ 50,000.00	\$ 50,000.00	\$ 52,730.00	\$ 52,730.00	\$ 39,500.00	\$ 39,500.00	\$ 40,000.00	\$ 40,000.00
24	Furnish & Install 1/2" x 1/4" Single Water Service Assemblies, including GV, All Size Mains, Long by Boring (See Detail)	EA	24	\$ 1,475.00	\$ 35,400.00	\$ 1,450.00	\$ 34,800.00	\$ 1,575.00	\$ 37,800.00	\$ 1,485.00	\$ 35,640.00	\$ 1,175.00	\$ 28,200.00
25	Furnish & Install 1/2" x 3/4" Single Water Service Assemblies, including GV, All Size Mains, Short (See Detail)	EA	23	\$ 1,384.00	\$ 31,832.00	\$ 1,400.00	\$ 32,200.00	\$ 1,435.00	\$ 33,005.00	\$ 1,225.00	\$ 28,175.00	\$ 1,125.00	\$ 25,875.00
26	Furnish & Install Valve markers	EA	14	\$ 50.00	\$ 700.00	\$ 50.00	\$ 700.00	\$ 55.00	\$ 770.00	\$ 32.00	\$ 448.00	\$ 47.50	\$ 665.00
27	Furnish & Install by Jack & Bore 24" Steel Casing (including all required and necessary bore pits, all depths), See Detail	LF	180	\$ 185.00	\$ 33,300.00	\$ 185.00	\$ 33,300.00	\$ 165.00	\$ 29,700.00	\$ 265.00	\$ 47,700.00	\$ 255.00	\$ 45,900.00
28	Furnish & Install by Jack & Bore 12" Steel Casing (including all required and necessary bore pits, all depths), See Detail	LF	106	\$ 130.00	\$ 13,780.00	\$ 130.00	\$ 13,780.00	\$ 105.00	\$ 11,130.00	\$ 165.00	\$ 17,490.00	\$ 245.00	\$ 25,970.00
29	Furnish & Install 12" Steel Casing by Open Cut, All Depths	LF	22	\$ 75.00	\$ 1,650.00	\$ 75.00	\$ 1,650.00	\$ 82.00	\$ 1,804.00	\$ 66.00	\$ 1,452.00	\$ 60.00	\$ 1,320.00
30	Cut and Patch High Volume Asphalt Pavement (See Detail)	SF	190	\$ 14.00	\$ 2,660.00	\$ 12.00	\$ 2,280.00	\$ 23.00	\$ 4,370.00	\$ 10.25	\$ 1,947.50	\$ 15.00	\$ 2,850.00
31	Cut and Patch Asphalt Drives (See Detail)	LF	900	\$ 30.00	\$ 27,000.00	\$ 22.00	\$ 19,800.00	\$ 22.00	\$ 19,800.00	\$ 22.75	\$ 20,475.00	\$ 109.00	\$ 98,100.00
32	Cut and Patch Gravel Drives	LF	305	\$ 991.25	\$ 302,331.25	\$ 2.00	\$ 610.00	\$ 8.00	\$ 2,440.00	\$ 5.30	\$ 1,616.50	\$ 22.00	\$ 6,710.00
33	Overlay Low Volume Asphalt Pavement (See Detail)	SF	23565	\$ 2.40	\$ 56,556.00	\$ 3.00	\$ 70,695.00	\$ 2.05	\$ 48,308.25	\$ 4.55	\$ 107,220.75	\$ 3.10	\$ 73,051.50
34	Furnish & Install Tie to Existing 12" Water Main	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,100.00	\$ 2,100.00	\$ 4,120.00	\$ 4,120.00
35	Establish & Maintain Erosion and Sedimentation Control (Complete)	LS	1	\$ 10,250.00	\$ 10,250.00	\$ 5,000.00	\$ 5,000.00	\$ 8,500.00	\$ 8,500.00	\$ 24,000.00	\$ 24,000.00	\$ 32,500.00	\$ 32,500.00
36	Furnish & Install Temporary Construction Sign for RD Projects (See Specs) (Complete)	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,050.00	\$ 1,050.00	\$ 2,150.00	\$ 2,150.00	\$ 3,000.00	\$ 3,000.00
<b>Div. 1 Bid TOTAL:</b>					\$ 990,287.56	\$ 997,189.00	\$ 997,189.00	\$ 998,340.25	\$ 998,340.25	\$ 1,135,815.45	\$ 1,135,815.45	\$ 1,293,186.75	\$ 1,293,186.75

	<i>Bid Total from Bid Sheet</i>				\$ 990,287.56	\$ 997,189.00	\$ 998,340.25	\$ 1,135,815.45	\$ 1,293,186.75
	<i>Difference</i>				\$ -	\$ -	\$ -	\$ -	\$ -

Div. 2 Bid (WELL)		BIDDER RANK=		1	
Item No.	Description	Unit	Estimated Quantity	Bidder:	AC Shultes
				Unit Price	Sub-Total
1	Chemical analysis (Complete)	LS	1	\$ 7,000.00	\$ 7,000.00
2	Furnish & Install Chemical feed equipment including house, etc. (Complete)	LS	1	\$ 108,550.00	\$ 108,550.00
3	Furnish & Install Electrical to provide a working system as shown (Complete)	LS	1	\$ 119,364.00	\$ 119,364.00
4	Furnish & Install Permanently mounted emergency generator (Complete)	LS	1	\$ 61,860.00	\$ 61,860.00
5	Erosion control (Complete)	LS	1	\$ 5,000.00	\$ 5,000.00
6	Furnish & Install Chain Link Fencing & Gates (Complete)	LS	1	\$ 8,000.00	\$ 8,000.00
7	Furnish & Install Instrumentation & controls (Complete)	LS	1	\$ 11,400.00	\$ 11,400.00
8	Furnish & Install Reamed hole w/ 12" inner casing & gravel pack (Complete)	VF	800	\$ 117.00	\$ 93,600.00
9	(Complete)	VF	100	\$ 300.00	\$ 30,000.00
10	Site work including clearing, earthwork, & access road (Complete)	LS	1	\$ 25,000.00	\$ 25,000.00
11	Furnish & Install Test hole w/ logging, formation ID & sieve analysis (Complete)	VF	900	\$ 100.00	\$ 90,000.00
12	Pump/recovery test (Complete)	LS	1	\$ 15,000.00	\$ 15,000.00
13	Furnish & Install 6" pump column (Complete)	VF	250	\$ 85.00	\$ 21,250.00
14	Furnish & Install 12" SS well screen (Complete)	VF	120	\$ 500.00	\$ 60,000.00
15	Furnish & Install 500 GPM well pump assembly (Complete)	LS	1	\$ 27,500.00	\$ 27,500.00
16	Furnish & Install Yard & wellhead piping including valves & meter (Line 10) (Complete)	LS	1	\$ 120,000.00	\$ 120,000.00
17	Furnish & Install Heated enclosure for wellhead piping w/ thermostatic control (Complete)	LS	1	\$ 7,500.00	\$ 7,500.00
<b>Div. 2 Bid TOTAL:</b>					<b>\$ 811,024.00</b>
<i>Bid Total from Bid Sheet</i>					<i>\$ 859,024.00</i>
<i>Difference</i>					<i>\$ (48,000.00)</i>

Div. 3 Bid (TANK)		BIDDER RANK=		1		2		3	
Item No.	Description	Unit	Estimated Quantity	Bidder:	Caldwell	Bidder:	Phoenix Fabricators & Erectors	Bidder:	Maguire Iron
				Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total
1	Establish & maintain erosion & sedimentation control (Complete)	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 2,600.00	\$ 2,600.00	\$ 7,000.00	\$ 7,000.00
2	Furnish & Install Chain Link Fencing & Gates (Complete)	LS	1	\$ 18,400.00	\$ 18,400.00	\$ 14,500.00	\$ 14,500.00	\$ 15,000.00	\$ 15,000.00
3	Furnish & Install Site piping (Line 09) (Complete)	LS	1	\$ 44,300.00	\$ 44,300.00	\$ 35,000.00	\$ 35,000.00	\$ 120,000.00	\$ 120,000.00
4	Furnish & Install Site work including clearing, earthwork & access road as per Drawings & Specifications (Complete)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 58,000.00	\$ 58,000.00	\$ 60,000.00	\$ 60,000.00
5	Furnish & Install Tank foundation (piles & concrete piers) (Complete)	LS	1	\$ 326,900.00	\$ 326,900.00	\$ 458,000.00	\$ 458,000.00	\$ 600,000.00	\$ 600,000.00
6	Furnish & Install 250,000 gallon elevated steel tank (Complete)	LS	1	\$ 852,300.00	\$ 852,300.00	\$ 796,412.00	\$ 796,412.00	\$ 733,500.00	\$ 733,500.00
7	Furnish & Install Tank Lettering as per Drawings & Specifications (Complete)	LS	1	\$ 2,800.00	\$ 2,800.00	\$ 3,200.00	\$ 3,200.00	\$ 5,000.00	\$ 5,000.00
8	Furnish & Install Precast Concrete Splash Pad (Complete)	LS	1	\$ 3,400.00	\$ 3,400.00	\$ 4,500.00	\$ 4,500.00	\$ 10,000.00	\$ 10,000.00
9	Furnish & Install Electrical & Controls (Complete)	LS	1	\$ 19,000.00	\$ 19,000.00	\$ 54,000.00	\$ 54,000.00	\$ 50,000.00	\$ 50,000.00
10	Sampling and Disinfecting (Complete)	LS	1	\$ 1,400.00	\$ 1,400.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
<b>Div. 3 Bid TOTAL:</b>					<b>\$ 1,323,000.00</b>	<b>\$ 1,427,712.00</b>	<b>\$ 1,427,712.00</b>	<b>\$ 1,602,000.00</b>	<b>\$ 1,602,000.00</b>
<i>Bid Total from Bid Sheet</i>					<i>\$ 1,323,000.00</i>	<i>\$ 1,427,712.00</i>	<i>\$ 1,427,712.00</i>	<i>\$ 1,602,000.00</i>	<i>\$ 1,602,000.00</i>
<i>Difference</i>					<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

Div. 4 Bid (SCADA)		BIDDER RANK=		1		2	
Item No.	Description	Unit	Estimated Quantity	Bidder:	Coastcom	Bidder:	Kinard Controls
				Unit Price	Sub-Total	Unit Price	Sub-Total
1	Furnish & Install New Radio & New Antenna, including ancillary items as needed at Tank/Well Site (Complete)	LS	1	\$ 3,319.00	\$ 3,319.00	\$ 16,000.00	\$ 16,000.00
2	Furnish & Install New Radio & Antenna, including ancillary items as needed at Master Meter/Control Valve Site (Complete)	LS	1	\$ 3,319.00	\$ 3,319.00	\$ 9,000.00	\$ 9,000.00
3	Furnish & Install New RTU, including ancillary items as needed at Tank/Well Site (Complete)	LS	1	\$ 1,900.00	\$ 1,900.00	\$ 25,000.00	\$ 25,000.00
4	Furnish & Install New RTU, including ancillary items as needed at Master Meter/Control Valve Site (Complete)	LS	1	\$ 1,900.00	\$ 1,900.00	\$ 10,000.00	\$ 10,000.00
5	Furnish & Install New Generator Annunciator with Relays, including ancillary items as needed for Status/Alarm at Tank/Well Site (Complete)	LS	1	\$ 400.00	\$ 400.00	\$ 5,000.00	\$ 5,000.00
6	Furnish & Install New Master Radio, including ancillary items as needed at WWTP (Complete)	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 12,000.00	\$ 12,000.00
7	Furnish & Install New Base Antenna, including ancillary items as needed on existing elevated tank/tower (Complete)	LS	1	\$ 6,875.00	\$ 6,875.00	\$ 10,000.00	\$ 10,000.00
8	Obtain new FCC radio frequency as needed for new radio equipment	LS	1	\$ 900.00	\$ 900.00	\$ 250.00	\$ 250.00
9	Upgrade/Modify existing SCADA software to integrate/recognize all new radio stations/components	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 3,500.00	\$ 3,500.00
10	Furnish & Install New Components at Proposed Well Pump Control Panel, including ancillary items as needed for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 1,000.00	\$ 1,000.00
11	Furnish & Install New Components at Proposed Chlorinator Control Panel/Alarm System, including ancillary items as needed for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 1,500.00	\$ 1,500.00
12	Furnish & Install New Tank Level Signal Converter/Transmitter, including ancillary items as needed at Proposed Elevated Tank for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 2,500.00	\$ 2,500.00
13	Furnish & Install New Pressure Sensor in riser of Proposed Elevated Tank, including ancillary items as needed at Proposed Elevated Tank for integration into the New Radio System and Software (Complete)	LS	1	\$ 800.00	\$ 800.00	\$ 250.00	\$ 250.00
14	Furnish & Install New Signal Converter/Transmitter for Tank Level Electrodes, including ancillary items as needed at Proposed Elevated Tank for integration into the SCADA System (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 1,500.00	\$ 1,500.00
15	Furnish & Install New Flow Meter Signal Converter/Transmitter, including ancillary items as needed at Proposed Well Flow Meter for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00
16	Furnish & Install New Control Panel (Signal Converter/Transmitter) for proposed Kingstree Feed Flow Meter as needed for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00
17	Furnish & Install New Valve Control Panel for Proposed Kingstree Feed Control Valve as needed for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00
18	Furnish & Install New Controls to actuate proposed Control Valve at Kingstree Master Meter Vault as needed for integration into the New Radio System and Software (Complete)	LS	1	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00
19	Furnish & Install New Power Outage Annunciator, including ancillary items as needed at Proposed Kingstree Master Meter Vault (Complete)	LS	1	\$ 400.00	\$ 400.00	\$ 250.00	\$ 250.00
20	Furnish & Install New Battery Backup System, including ancillary items as needed at Proposed Kingstree Master Meter Vault (Complete)	LS	1	\$ 175.00	\$ 175.00	\$ 250.00	\$ 250.00
<b>Div. 4 Bid TOTAL:</b>					<b>\$ 24,588.00</b>		<b>\$ 100,000.00</b>
<i>Bid Total from Bid Sheet</i>					\$ 24,588.00		\$ 100,000.00
<i>Difference</i>					\$ -		\$ -

DIVISION CONSTRUCTION	TOTAL
Div. 1	\$ 990,287.56
Div. 3	\$ 811,024.00
Div. 2	\$ 1,323,000.00
Div. 4	\$ 24,588.00
<b>TOTAL PROJECT CONSTRUCTION:</b>	<b>\$ 3,148,899.56</b>