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August 14, 2019

Hon. Gwen Pinson
Executive Director of KY Public Service Commission
211 Sower Blvd
PO Box 615
Frankfort, KY 40602

Re : 2019-131 : Application of Southern Water & Sewer District for An
Alternative Rate Adjustment

Hon. Gwen Pinson:

Enclosed please find the original and a copy of the attached Meter Bid
Information. Please file said attachment into the record.

Thank you for your assistance and if you need any additional
information, please do not hesitate to contact my office.

Respectfully Submitted,

/s/ Steven Bailey
Steven P. Bailey, J.D./M.B.A.
Bailey Law Office, PSC
Attorney for Southern Water

ARTICLE 5- BASIS OF Bid

Bidder will complete the Work in accordance with the Contract Documents for the following price (s):

Complete the following pricing schedule. Include all applicable taxes and fees. Amounts should be shown in both words and figures. If discrepancy, words shall govern.

Item No.	Estimated Quantity And Units	Description	Unit Price	Total
1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers)	\$ 189.89	\$ 1,044,395.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers)	\$ 329.89	\$ 16,494.50
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers)	\$ 976.16	\$ 48,808.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software, 3-Onsight Trainings and any other Hardware need for operating the AMR System	\$ 10,688.85	\$ 10,688.85
5.	1 L.S	Bonds and insurance	\$ 30,253.45	\$ 30,235.45
6.	1 L.S	1-Year Maintenance Fee	\$ 3,856.48	\$ 3,856.48
TOTAL PRICE				\$ 1,154,496.28

Additional Assumptions-

Remote Adaptors will not be necessary, if they are Antenna will be provided w/6.5 Ft of wire at a cost of \$18.00 per unit.

Box Replacements Are Not Included in installation and will need to on a case by case basis.

4. "coercive practice" means harming or threatening to harm, directly or indirectly persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

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Item No.	Estimated Quantity And Units	Description	Unit Price	Total
1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers) Two hundred forty two dollars	\$ 242.00	\$ 1,331,000.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers) Four hundred thirty one dollars and fifty cents	\$ 431.50	\$ 21,575.00
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers) One thousand one hundred thirty nine dollars	\$ 1,139.00	\$ 56,950.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software, 3-Onsight Trainings and any other Hardware need for operating the AMR System Twenty three thousand nine hundred ninety dollars	\$ 23,990.00	\$ 23,990.00
5.	1 L.S	Bonds and insurance Five thousand dollars	\$ 5000.00	\$ 5,000.00
6.	1 L.S	1-Year Maintenance Fee Nine thousand nine hundred forty dollars*	\$ 9,940.00*	\$ 9,940.00*
* The hardware carries a one year warranty. The maintenance fee for the initial year will be \$5740 for software license and hosting				
TOTAL PRICE		<u>\$1,448,455.00</u>		

One million four hundred forty eight thousand four hundred fifty five dollars

UNITED Systems &
Software

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Item No.	Estimated Quantity And Units	Description	Unit Price	Total
1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers) Kamstrup, Itron 100W-2, Installed	\$ 230.00	\$ 1,265,000.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers) Kamstrup, Itron 100W-2, Installed	\$ 370.00	\$ 18,500.00
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers) Kamstrup, Itron 100W-2, Installed	\$ 1,000.00	\$ 50,000.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software, 3-Onsight Trainings and any other Hardware need for operating the AMR System _2 MC3Lite w 7" tablet, 2 IMR, Sfw	\$ LS	\$ 42,775.00
5.	1 L.S	Bonds and insurance _Performance bond 2%	\$ LS	\$ 27,000.00
6.	1 L.S	1-Year Maintenance Fee _FCS & IM Software	\$ LS	\$ 2,040.00
TOTAL PRICE				\$ 1,405,315.00

See detailed pricing summary in Section 2.
See Alliance Interface Pricing in Section 2.
See UPM Packaged 10 year contract pricing in Section 2.

PG 3

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1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers)		
		Two hundred twenty	\$ 220.00	\$ 1,210,000.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers)		
		Two hundred eighty five	\$ 285.00	\$ 4,250.00
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers)		
		Seven hundred eighty	\$ 780.00	\$ 59,000.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software, 3-Onsight Trainings and any other Hardware need for operating the AMR System		
		Nine thousand seven hundred fifty	\$ 9,750.00	\$ 19,500.00
5.	1 L.S	Bonds and insurance		
		Twenty five six fifty five	\$ 6,500.00	\$ 6,500.00
6.	1 L.S	1-Year Maintenance Fee		
		Twenty five hundred	\$ 2,500.00	\$ 2,500.00
		First year maintenance fee no charge!		
TOTAL PRICE				
		\$ 1,291,750.00		

One million two hundred ninety one thousand seven hundred fifty dollars

CONSOLIDATED PIPE
& Supply

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1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers)	one hundred ninety five dollars ^{& seventy cents} \$ 195.70	\$ 1,076,350.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers)	two hundred eighty nine dollars ^{& twenty five cents} \$ 289.25	\$ 14,462.50
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers)	Six hundred eighty dollars ^{& no cents} \$ 680.00	\$ 34,000.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software, 3-Onsight Trainings and any other Hardware need for operating the AMR System	eleven thousand four hundred dollars ^{& no cents} \$ 11,400.00	\$ 22,800.00
5.	1 L.S	Bonds and insurance	eight thousand three hundred three dollars ^{thirty nine cents} \$ 8033.29	\$ 8033.29
6.	1 L.S	1-Year Maintenance Fee	three thousand eight hundred six dollars ^{& forty cents} \$ 3806.40	\$ 3806.40

TOTAL PRICE

1,159,452.19

one million one hundred fifty nine thousand four hundred fifty two dollars and ^{nineteen cents}

CI THORN BURE

Southern Water and Sewer Water Meter AMR System

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Item No.	Estimated Quantity And Units	Description	Unit Price	Total
1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers)		
		Two hundred seventy-nine dollars	\$ 279.00	\$ 1,534,500.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers)		
		Three hundred thirty-four dollars	\$ 334.00	\$ 16,700.00
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers)		
		One thousand two hundred seventy-two dollars	\$ 1,272.00	\$ 63,600.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software, 3-Onsight Trainings and any other Hardware need for operating the AMR System		
		Fourteen thousand dollars	\$ 14,000.00	\$ 28,000.00
5.	1 L.S	Bonds and insurance		
		Zero dollars	\$ 0.00	\$ 0.00
6.	1 L.S	1-Year Maintenance Fee		
		Three thousand three hundred eighty dollars	\$ 3,380.00	\$ 3,380.00
TOTAL PRICE				
		\$ 1,646,180.00		

One million six hundred forty-six thousand one hundred eighty dollars and zero cents

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Complete the following pricing schedule. Include all applicable taxes and fees. Amounts should be shown in both words and figures. If discrepancy, words shall govern.

Item No.	Estimated Quantity And Units	Description	Unit Price	Total
1.	5,500 Each	Furnish and Install New 5/8" X 3/4" Water Meters With MTR Register (AMR Registers)		
		<u>Two hundred ninety-three and ⁰⁶/₁₀₀</u>	\$ 293.06	\$ 1,611,830.00
2.	50 Each	Furnish and Install New 1" Water Meters With MTR Register (AMR Registers)		
		<u>Three hundred seventy-six and ⁰⁶/₁₀₀</u>	\$ 376.06	\$ 18,813.00
3.	50 Each	Furnish and Install New 2" Water Meters With MTR Register (AMR Registers)		
		<u>One thousand one hundred forty-five and ⁶⁰/₁₀₀</u>	\$ 1,145.60	\$ 57,280.00
4.	2 Each	Panasonic Toughbook Laptop, Transceiver, Route Software,	\$	
		<u>3-Onsight Trainings and any other Hardware need for operating the AMR System</u>	11,139.71	22,279.42
	1 L.S	<u>eleven thousand one hundred thirty-nine and ⁷¹/₁₀₀</u>	\$ 5,444.45	\$ 5,444.45
5.	1 L.S	Bonds and insurance		
		<u>ten thousand three hundred twenty</u>	\$ 10,320.00	\$ 10,320.00
6.	1 L.S	1-Year Maintenance Fee		
		<u>Five thousand eight hundred fifty-two and ⁹⁵/₁₀₀</u>	\$ 5,852.95	\$ 5,852.95
TOTAL PRICE			\$ 1,731,819.70	

One million seven hundred thirty-one thousand eight hundred nineteen and ⁷⁰/₁₀₀.

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
NECO EQUIPMENT INC.	E900i pro coder	per unit	\$242.00	\$431.50	\$1,139.00	\$23,990.00	\$9,940.00
	type / mechanical	total for units	\$1,331,000.00	\$21,575.00	\$56,950.00		

TOTAL BID \$\$ \$1,448,455.00 NECO will provide installation

Warranty - 20 yr - 10 full / 10 pro rated battery / radio

Antenna battery type cabled to top of box

Finance option - Gov Cap can finance providing SWSD meets qualifications

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
ALLIED UTILITY SOLUTIONS	Kamstrup	per unit	\$189.89	\$329.89	\$976.16	\$10,688.85	\$3,856.48
	ultra sonic	total for units	\$1,044,235.00	\$15,499.50	\$42,000.00		

TOTAL BID \$\$ \$1,154,496.28 ALLIED uses a 3rd party install - no concerns with this II

Warranty - 20 yr - 10 full / 10 pro rated battery / radio

Antenna battery type internal in index

Finance option - Gov Cap can finance providing SWSD meets qualifications

Metrics finance / will finance 100% - interest rate 1.75% no payment for 12 month up to 20 yr term

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
UNITED SYSTEMS & SOFTWARE	Kamstrup	per unit	\$230.00	\$370.00	\$1,000.00	\$42,775.00	\$2,040.00
	ultra sonic	total for units	\$1,265,000.00	\$18,500.00	\$50,000.00		

TOTAL BID \$\$ \$1,405,315.00 UNITED uses a 3rd party install - no concerns with this

A GPS / GIS package available at 1250.00 per yr after set up

Warranty - 20 yr - 10 full / 5 yrs @ 50% pro rated / 5 yrs @ 25% pro rated battery / radio

Antenna battery type cabled external or Itron attached antenna

Finance option - UNITED can provide a finance package that will not need PSC approval

This package would be based on SWSD using UNITED for all software needs (outsource billing, complete package, etc.)

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
CONSOLIDATED PIPE & SUPPLY	Mueller 420	per unit	\$195.70	\$289.25	\$680.00	\$21,800.00	\$3,806.40
	mechanical	total for units	\$1,076,350.00	\$14,462.50	\$34,000.00		

TOTAL BID \$\$ \$1,159,452.19 CONSOLIDATED uses a 3rd party install - no concerns with this

A GPS / GIS package available at 1250.00 per yr after set up

Warranty - 20 yr - 12 full / 8 pro rated battery / radio

Antenna battery type cabled external

Finance option - UNITED can provide a finance package with Highland Public Capital

Options - 5 yrs w/ 5 payments of 249,528.00 @ 2.85%
Options - 7 yrs w/ 7 payments of 182918.00 @ 2.81%
Options - 10 yrs w/ 10 payments of 133746.00 @ 2.88%

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
C I THORNBURG CO	Sensus SR II	per unit	\$279.00	\$334.00	\$1,272.00	\$28,000.00	\$3,380.00
	mechanical	total for units	\$1,534,500.00	\$16,700.00	\$63,600.00		
	perl - plastic	deduct \$7.00 per unit for this option					

TOTAL BID \$\$ \$1,646,180.00 C I THORNBURG uses a 3rd party install - no concerns with this
 A GPS / GIS package available at 1250.00 per yr after set up
 Warranty - 20 yr. - 10 full / 10 pro rated - battery / radio

Antenna battery type
 cabled external

Finance option - C I Thornburg can provide a finance package with Public Capital Corp.

Options - 5 yrs w/ 5 payments of 373891.69 @ 3.98%
 Options - 7 yrs w/ 7 payments of 278559.22 @ 4.09%
 Options - 10 yrs w/ 10 payments of 207569.04 @ 4.19%

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
RG3 METERS CO	Table 4	per unit	\$220.00	\$285.00	\$780.00	\$19,500.00	\$2,500.00
	mechanical	total for units	\$1,210,000.00	\$14,250.00	\$39,000.00		

TOTAL BID \$\$ \$1,291,750.00 RG3 uses a 3rd party install - need to check their ref.

Warranty - 25 yr. - 12 full / 13 pro rated - battery / radio

Antenna battery type
 internal in index

Finance option - RG3 did not provide a finance package option can finance , providir SWSD meets qualifications

Company Name	Meter type	Meter size	5/8 x 3/4 residential	1" residential / commercial	2" commercial	Laptop for readers (2)	1yr maintenance agreement
CORE & MAIN	Badger / Orion	per unit	\$293.06	\$376.06	\$1,145.60	\$22,279.42	\$5,852.95
	mechanical	total for units	\$1,611,830.00	\$18,803.00	\$57,280.00		

TOTAL BID \$\$ \$1,731,819.70 CORE & MAIN did not list an installer - will contact to verify

Warranty - 20 yr. - 10 full / 10 pro rated - battery / radio

Antenna battery type
 external to top of box

Finance option - CORE & MAIN did not provide a finance package option can finance , providir SWSD meets qualifications