

**FARMDALE WATER DISTRICT
100 HIGHWOOD DRIVE
FRANKFORT, KENTUCKY 40601**

**COMMISSIONERS:
CLIFFORD TOLES, CHAIRMAN
YVONNE HILL, TREASURER
CRAIG BLANTON, SECRETARY**

**TELEPHONE
(502) 223-3562
FAX: (502) 352-2999**

RECEIVED

APR 28 2014

**PUBLIC SERVICE
COMMISSION**

April 28, 2014

Jeff Derouen
Executive Director
Public Service Commission
211 Sower Blvd., P O Box 615
Frankfort, KY 40602-0615

RE: Case No. 2013-00485

Enclosed is the documentation requested by the Commission's Order in the above case.

Sincerely,

Clifford Toles
Chairman



RESPONSE TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION:

1. Provide the minutes of each meeting of Farmdale District's Board of Commissioners in which the proposed revision to meter connection charges and the cutoff and reconnection fee was discussed. Answer: The minutes do not reflect this.
2. Provide the resolution of Farmdale District's Board of Commissioners in which the proposed revision to meter connection charges and the cutoff and reconnection fee was approved or, if no resolution was separately prepared, the minutes of the meeting of Farmdale District's Board of Commissioners in which the proposed rates were approved. Answer: The minutes do not reflect this.
3. List separately for each calendar year from January 1, 2011, through December 31, 2013, the total number of Farmdale District's:
 - a. New 5/8-inch x 3/4-inch meter connections. Answer: 7 in 2011, 6 in 2012, & 8 in 2013
 - b. New 1-inch meter connections. Answer: 2 in 2011, 0 in 2012, and 1 in 2013
 - c. New larger meter connections: Answer: 0 in 2011, 0 in 2012, and 0 in 2013
4. State the number of spare meters that Farmdale District has in its inventory as of December 31, 2013: Answer: 8
5. State the number of meters that Farmdale District seeks to maintain in its inventory: Answer: 8
6. State the number of meters that Farmdale District purchases when it orders 5/8-inch x 3/4-inch meters: Answer: 8 to 16
7. For each of Farmdale District's last five purchases of 5/8-inch x 3/4-inch meters, state the date the order was made, the vendor, and the number of meters purchased. Answer:

Date	Vendor	Number of Meters
1-14-14	CITCO	16
9-12-13	CITCO	16
9-27-12	CITCO	16
5-2-12	CITCO	8
1-26-12	CITCO	3

8. Identify by name and address each vendor from who Farmdale District solicited a bid or estimate regarding meters in the course of preparing its proposed rate revision. Provide a copy of any documentation supporting the water meter cost listed on the Average Meter Connection Expense Cost Justification form ("Application"), Section B. Answer: CITCO, 4034 Altizer Avenue, Huntington, WV 25705 (see Attachment 1)
9. State whether, in Farmdale District's opinion and experience, the cost per unit for meters is less when the purchase order is for a number of meters rather than one meter. Answer: Yes

10. Identify by name and address each vendor from whom Farmdale District solicited a bid or estimate regarding meter-setting materials in the course of preparing its Application. Provide a copy of any documentation supporting the costs listed on the Application, Section B. Answer: CITCO, 4034 Altizer Avenue, Huntington, West Virginia 25705 (see Attachment 1)

11. Describe how Farmdale District determined the number of hours of labor required for installing a meter. Answer: Manager's professional experience of 27 years at Farmdale

12. For each meter installation performed from January 1, 2011, through December 31, 2013, state the meter size, type of service (short-side or long-side), and the number of hours required for the installation. Answer: See Attachment #2.

13. List all activities performed in installation labor expense for both short-side and long-side service and the amount of time for each activity. Explain how Farmdale District determined the amount of time for each activity.

Short Side Answer:

Inspect job site	5 minutes – 45 minutes
Call BUD	5 minutes – 20 minutes
Assemble materials to be used	30 minutes
Take backhoe & 1-2 Service Vehicles to job site	5 minutes – 30 minutes
Locate & uncover main line	10 minutes – 4 hours
Tap line	10 minutes
Install service line, meter, & coppersetter, vault & lid	30 minutes
Return backhoe & vehicle to office	5 to 30 minutes

Long Side Answer:

All of the above for Short Side Answer & Bore under road	2 hours – 16 hours
Dig approximately 10' for service line to meter	15 minutes

14. In its calculation of Installation Labor Expense, Farmdale District assumes an hourly wage rate of \$25.50.

a. Explain how this rate was determined. Answer: Farmdale District's Manager's Hourly Salary Plus Benefits

b. State the number of Farmdale District employees whose primary duties include the installation of water meters. Answer: 3

c. State the hourly wage rate of each current Farmdale District employees whose primary duties include the installation of water meters: Answer:

David Robinson	\$26.86/hour
Danny Cummins	\$19.50/hour
Josh Morris	\$15.20/hour

d. State whether the hourly wage rates provided in response to item 14(c) includes any of the following: employer Social Security tax, employer Medicare tax, employer retirement plan contribution, workers' compensation insurance, sick leave pay, annual leave pay, or employer health insurance contribution. Answer: No.

15. In its calculation of Installation Equipment Expense, Farmdale District assumes an hourly wage rate of \$75.00

a. Explain how this rate was determined. Answer: \$25/hour for operator and \$50/hour for backhoe

b. List each type of equipment that is included in Installation Equipment Expense. Answer: Case backhoe, 1 or 2 service trucks, hydraulic boring machine

c. For each type of equipment listed in response to Item 15(b), state whether it is used for both types of service (i.e., short-side or long-side). If not used for both types, identify the type of service for which the equipment is used. Answer: All equipment is used for long-side service, and everything except the bore machine is used for short-side service.

d. For each type of equipment listed in response to Item 15(b), state whether Farmdale District owns such equipment. If Farmdale District owns any equipment identified in response to Item 15(b), identify the year of acquisition and the acquisition cost. Answer: Farmdale owns all the equipment.

Equipment	Acquisition Year	Acquisition Cost
Case Backhoe	1995	\$31,000
Dodge Dakota	2004	\$13,855
Ford Ranger	2011	\$14,707
Ford Van	2014	\$900
Boring Machine	1999	\$750

16. Explain how Farmdale District determined the amount of time for Installation Equipment Expense. Provide all records and show all calculations that Farmdale District utilized in making its determination. Answer: Manager's professional experience of 27 years at Farmdale. No records exist.

17. To the extent that Installation Equipment Expense involves the rental of equipment, identify all suppliers from whom Farmdale District has rented equipment for installing meters during the period January 1, 2011, through December 31, 2013, and provide a copy of the rental agreements. Answer: 0

18. Identify all persons from whom Farmdale District solicited a bid or estimate regarding equipment rental listed in response to Item 15(b) in the course of preparing its proposed rates. Answer: 0

19. Refer to the 5/8-inch x 3/4-inch Average Meter Connection Expense Cost Justification, Section F and Section G. Explain why these two sections were left blank. Answer: It was overlooked.

20. List all activities included in the administrative expenses of \$12.50 and the amount of time that each activity takes. Explain how Farmdale District determined the amount of time for each activity. Answer: 30-minute activity (\$25/hour) including taking information from customer for contract, explaining billing procedures to customer, receiving money from customer, making copy of contract for customer, and entering information in computer. Farmdale professional administrative staff experience was used in determining the amount of time for each activity.

21. Show all calculations that Farmdale District used to develop its estimate for administrative expense. Answer: Farmdale professional administrative staff experience was used to develop the estimate for administrative expense.

22. Refer to the Nonrecurring Charge Cost Justification for the Cutoff and Reconnection Fee.

a. In Section 1, Field Expense, Farmdale District assumes an hourly wage rate of \$15.50. Explain how this rate was determined and how the 3/4 hour was calculated. Answer: Farmdale averaged the field staff hourly wage rate incorrectly. It should have been \$20.52. The 3/4 hour should have been an average of the longest time and shortest time, which is 5 to 45 minutes, or an average of 25 minutes.

b. State the number of Farmdale District employees whose primary duties include the cutoff and reconnection of water meters. Answer: 3

c. State the hourly wage rate of each current Farmdale District employee whose primary duties include the cutoff and reconnection of water meters.

Answer:

David Robinson	\$26.86/hour
Danny Cummins	\$19.50/hour
Josh Morris	\$15.20/hour

d. State whether the hourly wage rates provided in response to Item 22(a) includes any of the following: employer Social Security tax, employer Medicare tax, employer retirement plan contribution, workers' compensation insurance, sick leave pay, annual leave pay, or employer health insurance contribution. Answer: Yes.

e. In Section 2, Clerical and Office Expense, there is a Supplies amount of \$5.23. Provide a detailed explanation as to the items in this expense. Answer: Farmdale handles between 20-50 customers on each cut-off day, and the amount for supplies was estimated to a total cost of \$5.23.

f. In Section 2, Clerical and Office Expense, Labor, Farmdale District assumes an hourly wage rate of \$12.50. Explain how this rate was determined and how the three hours was calculated. Answer: Farmdale incorrectly determined this amount. It should have been \$17.03, which is the average hourly wage of two administrative employees. Farmdale professional administrative staff experience was used in determining the amount of time.

g. State the number of Farmdale District employees whose primary duties include the processing of cutoff and reconnection of water meters work orders. Answer: 2

h. State the hourly wage rate of each current Farmdale District employee whose primary duties include the cutoff and reconnection of water meters works orders. Answer: \$13.22/hour and \$20.83/hour.

i. State whether the \$12.50 hourly wage rate referenced in response to item 22(f) includes any of the following: employer Social Security tax, employer Medicare tax, employer retirement plan contribution, workers' compensation insurance, sick leave pay, annual leave pay, or employer health insurance contribution. Answer: No.

j. In Section 3, Miscellaneous Expense, Transportation, Farmdale District states an expense of \$5.65 (ten miles at \$0.565). Explain how the rate of \$0.565 was determined to be appropriate and explain how ten miles was determined to be the appropriate mileage. Answer: The cost per mile is the rate used by the Kentucky State Transportation Department. The ten miles is the longest trip made and should have been an average of the longest trip and the shortest trip, which should have been 5.5 miles.

23. Refer to the Tariff, Sheet No. 6. In Section D, the tariff currently states that the non-recurring charge for connection/turn-on is \$7.50, and a reconnection charge is \$15.00. Explain why an increase for reconnection is being sought, but not for a connection/turn-on charge. Answer: The connection/turn-on charge was overlooked.

24. Refer to Average Meter Connection Expense Cost Justification, Section B, Materials Expense, 5, Miscellaneous Fittings for 5/8-inch x 3/4-inch meters. Provide an explanation of the fittings involved and include the invoice that denotes the cost of each element totaling up to \$177. Answer: The amount was incorrectly calculated, and it should have been \$86.25. See Attachments 3 and 4.

Saddle	\$51.50
3/4 comp x 3/4 MPT	\$17.25
Coppersetter Ends	\$17.50
25' of 3/4 tubing	-\$21.25
Total:	\$86.25

25. Refer to Average Meter Connection Expense Cost Justification, Section B, Materials Expense, 6, Other (itemize), for 5/8-inch x 3/4-inch meters. "Radio" appears on the second line. Explain the meaning of this item. Answer: The radio is a transmitter that sends information from the meter to the receiving unit.

26. Provide invoices of all material expenses involved. Answer: See Attachment 3.

27. Refer to Average Meter Connection Expense Cost Justification, Section D, Installation Labor Expense, 2, Long Side Service for 5/8-inch x 3/4-inch meters.

a. The product of 16 times \$25.50 is \$408, not \$308. Recalculate the entire justification to accommodate this. Answer: See Attachment 4.

b. Justify the 16 total hours for long-side service. Answer: The 16 hours is the longest time spent by Farmdale District in installing a long-side meter. The average meter connection expense cost justification report was adjusted to show an average time of 6 hours.

28. Refer to Average Meter Connection Expense Cost Justification, Section E, Installation Labor Expense, Backhoe, 2, long-side service for 5/8-inch x 3/4-inch meters. Justify the 16 total hours for long-side service. Answer: The 16 hours is the longest time spent by Farmdale District in installing a long-side meter. The average meter connection expense cost justification report was adjusted to show an average time of 6 hours.

Attachment 1

THE C.I. THORNBURG CO.,INC.
PO BOX 2163
4034 ALTIZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510

****** Invoice ******

INVOICE DATE	INVOICE NUMBER
01/14/14	S1629437.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	VERBAL		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1629437.1	CF-CALL FOR	01/14/14	01/14/14			
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT	
5/8"x3/4" IPERL METER 100 USG TRPL SENSUS W/ 6' WIRE, LESS HOUSING, 2-WIRE, I5S1GGXX	16	16	ea	127.950	2047.20	
3/4"x1.14"x1/8" RUBBER METER GASKET 4-6287 (100 PER BAG)	200	200	ea	0.220	44.00	
H-15428-N 3/4" COMP CTS x MIPT ADAPT LOW LEAD	25	25	ea	17.250	431.25	
18"x24" MB-5 WHITE PVC METER BOX	1	1	ea	40.000	40.00	
Credit Card or P-Card payments made after 30 Days from date of Invoice will be subject to a 4% Card Processing Fee.						
				SUBTOTAL	2562.45	
				FREIGHT	0.00	
				SALES TAX	0.00	
				AMT DUE	2562.45	

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE PER MONTH. ANNUAL PERCENTAGE RATE 18%.

NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING, HANDLING AND FREIGHT CHARGES.

WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

**** Invoice ****

THE C.I. THORNBURG CO.,INC.
 PO BOX 2163
 4034 ALTIZER AVENUE
 HUNTINGTON, WV 25705
 304-523-3484 Fax 304-523-0510

INVOICE DATE	INVOICE NUMBER
09/12/13	S1617153.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.		
2252	VERBAL DAVID		2	COLDAV			
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED		ORDER DATE		
S1617153.1	CF-CALL FOR		09/12/13		09/12/13		
DESCRIPTION			ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
5/8"x3/4" iPERL 100 USG TRPL SENSUS W/ 6' WIRE, LESS HOUSING, 2-WIRE, #I2S1GGXX.			16	16	ea	127.950	2047.20
3" ROMAC CL1-3.70x12" REPAIR CLAMP (3.45-3.70)			2	2	ea	123.500	247.00
SENSUS MODEL 520P SINGLE PORT, TOUCH COUPLED MXU W/ LEAK DETECTION & HOURLY INTERVAL			27	27	ea	105.000	2835.00
TRUMBULL #368-9040 SHUTOFF TOOL for PE PIPE			1	1	ea	66.000	66.00
Credit Card or P-Card payments made after 30 Days from date of Invoice will be subject to a 4% Card Processing Fee.							
SUBTOTAL							5195.20
FREIGHT							0.00
SALES TAX							0.00
AMT DUE							5195.20

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
 HANDLING AND FREIGHT CHARGES.
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.
PO BOX 2163
4034 ALTIZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510

***** Invoice *****

INVOICE DATE	INVOICE NUMBER
09/27/12	S1574522.2
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO.	1

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.		
2252	verbal		2	COLDAV			
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1574522.2	LI64W.OUR TRUCK		09/27/12	08/28/12			
DESCRIPTION			ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
5/8"x3/4" SENSUS iPERL WATER METER, TRPL, W/6' WIRE, LESS HOUSING, 100 US GALLONS #I5S1GGXX, 2-WIRE			16	16		127.950	2047.20
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484							

SUBTOTAL	2047.20
FREIGHT	0.00
SALES TAX	0.00
AMT DUE	2047.20

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
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THE C.I. THORNBURG CO.,INC.
PO BOX 2163
4034 ALTIZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510

**** Invoice ****

INVOICE DATE	INVOICE NUMBER
05/02/12	S1559352.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	DAVID		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1559352.1	LI64W.OUR TRUCK		05/02/12	04/27/12		
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT	
5/8"x3/4" SENSUS IPERL WATER METER, TRPL, W/6' WIRE, LESS HOUSING, 100 US GALLONS #I5S1GGXX, 2-WIRE	8	8	ea	123.680	989.44	
1" H-15403 CTS COMPRESSION COUPLING	10	10	ea	17.780	177.80	
1" H-15008 CCxCOMP(CTS) CORP STOP	5	5	ea	39.970	199.85	
1" H-15428 CTS COMPxMIPT ADAPTER	25	25	ea	15.780	394.50	
1"x3/4" H-15428 CTS COMPxMIPT ADAPT	25	23	ea	13.810	317.63	
1"x3/4" H-15403 CTS COMP COUPLING	10	10	ea	17.980	179.80	
5/8"x3/4"x3/4" H-14227 MPxCTS COMPRESSION END CONNECTION	12	12	ea	13.360	160.32	
5/8"x3/4"x3/4" H-14222 MULTI- PURPOSE METER SETTER END CONNECTION	12	12	ea	13.690	164.28	
6" ROMAC CL1-7.00x7-1/2" REPAIR CLAMP (6.60-7.00)	2	2	ea	98.650	197.30	
6" ROMAC CL1-7.00x12" REPAIR CLAMP (6.60-7.00)	2	2	ea	159.400	318.80	
6" ROMAC CL1-7.46x7-1/2" REPAIR CLAMP (7.05-7.46)	2	1	ea	95.850	95.85	
6" ROMAC CL1-7.46x12" REPAIR CLAMP (7.05-7.46)	2	1	ea	169.150	169.15	
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						
				SUBTOTAL	3364.72	
				FREIGHT	0.00	
				SALES TAX	0.00	
				AMT DUE	3364.72	

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.
 NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
 HANDLING AND FREIGHT CHARGES.
 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.
PO BOX 2163
4034 ALTIZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510

***** Invoice *****

INVOICE DATE	INVOICE NUMBER
01/26/12	S1549270.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO.	1

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	DAVID		2	COLDAY		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1549270.1	CF-CALL FOR		01/26/12	01/26/12		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
5/8"x3/4" SENSUS iPERL WATER METER, TRPL, W/6' WIRE, LESS HOUSING, 10 US GALLONS #I5S1GDXX, 2-WIRE		3	3	ea	125.000	375.00
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						

SUBTOTAL	375.00
FREIGHT	0.00
SALES TAX	0.00
AMT DUE	375.00

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 WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

Attachment 2

New Service Installs
1/1/2011 to 12/31/2013

Year	Address	5/8"X3/4"	1"	Long Side Approx Hours to Install	Short Side Approx Hours to Install
2011	1034 Tamworth	X			3.0
	Wilderness Rd	X			5.5
	1125 Schofield		X	4.5	
	885 Schofield	X		6.5	
	2225 Lawrenceburg Rd	X			3.0
	101 Brian Mark Cove	X			2.5
	1095 Johnson		X	12.5	
	5 Pioneer Creek	X			5.5
	109 Driftwood	X			3.5
2012	211 Hahn	X			4.5
	9 Earthhaven	X			5.5
	242 Erin`	X			3.0
	KSU Wash Rd	X			3.5
	1136 Crawford	X			5.5
2013	105 Danbrook	X		6.5	
	1564 Green Wilson	X			2.5
	6 Earthhaven	X			5.5
	301 Dennison	X		6.0	
	105 Teakwood	X		6.5	
	117 North Danbrook		X	7.0	
	1470 Cardwell	X			4.5
	Entrance Benson Res	X			2.5
	124 North Danbrook	X			3.0
Total		20	3	49.5	63.0
Average				7.1 hours	3.9 Hours

Attachment 3

THE C.I. THORNBURG CO.,INC.

****** Invoice ******

PO BOX 2163

4034 ALTIZER AVENUE

HUNTINGTON, WV 25705

304-523-3484 Fax 304-523-0510

INVOICE DATE	INVOICE NUMBER
09/28/11	S1536473.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO.	1

BILL TO:

**FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601**

SHIP TO:

**FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601**

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	VERBAL		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1536473.1	CF-CALL FOR		09/28/11	09/28/11		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
SENSUS MODEL 520R SINGLE PORT METER MXU TRANSCEIVER UNIT w/ INTERNAL BATTERY AND HOURLY LEAK DETECTION INTERVALS, M520R-C1-TC-X-AL #5396153752001AL		2	2		110.000	220.00
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						
					SUBTOTAL	220.00
					FREIGHT	0.00
					SALES TAX	0.00
					AMT DUE	220.00

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE

PER MONTH. ANNUAL PERCENTAGE RATE 18%.

**NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
HANDLING AND FREIGHT CHARGES.**

WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THORNBURG CO.,INC.

***** Invoice *****

**BOX 2163
WALTZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510**

INVOICE DATE	INVOICE NUMBER
04/09/13	S1596963.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO.	2

BILL TO:

SHIP TO:

**FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601**

**FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601**

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	DAVID ROBINSON		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA	DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1596963.1	LI64W.OUR TRUCK	04/09/13	03/26/13			
DESCRIPTION	ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT	
SERVICE SADDLE for IPS PVC PIPE 4"x3/4"CC.AYM 3891 HINGED BRASS	4	4	ea	32.250	129.00	
SERVICE SADDLE for IPS PVC PIPE 4"x1"CC AYM 3891 HINGED BRASS	2	2	ea	32.500	65.00	
SERVICE SADDLE for IPS PVC PIPE 6"x3/4"CC AYM 3891 HINGED BRASS	4	4	ea	51.500	206.00	
SERVICE SADDLE for IPS PVC PIPE 6"x1"CC AYM 3891 HINGED BRASS	4	4	ea	51.500	206.00	
SERVICE SADDLE for IPS PVC PIPE 18"x24" MB-5 WHITE PVC METER BOX	13	9	ea	40.000	360.00	
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						
				SUBTOTAL	3694.37	
				FREIGHT	0.00	
				SALES TAX	0.00	
				AMT DUE	3694.37	

**PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
PER MONTH. ANNUAL PERCENTAGE RATE 18%.
NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
HANDLING AND FREIGHT CHARGES.
WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.**

THE C.I. THORNBURG CO.,INC.
PO BOX 2163
4034 ALTIZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510

***** Invoice *****

INVOICE DATE	INVOICE NUMBER
04/16/13	S1596963.2
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	DAVID ROBINSON		2	COLDAV	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE		
S1596963.2	LI64W.OUR TRUCK		04/16/13	03/26/13		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
18" PLASTIC 2-PC METER BOX COVER WITH SNAP LID PS500		13	13		55.650	723.45
18"x24" MB-5 WHITE PVC METER BOX		4	4		40.000	160.00
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						
					SUBTOTAL	883.45
					FREIGHT	0.00
					SALES TAX	0.00
					AMT DUE	883.45

**PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
 PER MONTH. ANNUAL PERCENTAGE RATE 18%.**
**NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
 HANDLING AND FREIGHT CHARGES.**
WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.

PO BOX 2163

4034 ALTIZER AVENUE

HUNTINGTON, WV 25705

304-523-3484 Fax 304-523-0510

****** Invoice ******

INVOICE DATE	INVOICE NUMBER
04/17/13	S1596963.3
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO.	1

BILL TO:

**FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601**

SHIP TO:

**FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601**

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	DAVID ROBINSON		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1596963.3	LI64W.OUR TRUCK		04/17/13	03/26/13		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
3/4"x500' 200# CTS REHAU MUNICIPEX TUBING 261056-500		2500	2500		1.250	3125.00
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						
					SUBTOTAL	3125.00
					FREIGHT	0.00
					SALES TAX	0.00
					AMT DUE	3125.00

**PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
PER MONTH. ANNUAL PERCENTAGE RATE 18%.
NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
HANDLING AND FREIGHT CHARGES.
WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.**

THE C.I. THORNBURG CO.,INC.
PO BOX 2163
4034 ALTIZER AVENUE
HUNTINGTON, WV 25705
304-523-3484 Fax 304-523-0510

****** Invoice ******

INVOICE DATE	INVOICE NUMBER
05/20/13	S1596963.4
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO. 1	

BILL TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
 100 HIGHWOOD DR
 FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.	
2252	DAVID ROBINSON		2	COLDAV		
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.	
S1596963.4	LI64W.OUR TRUCK		05/20/13	03/26/13		
DESCRIPTION		ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
1"x300' 200# CTS REHAU MUNICIPEX TUBING 261,076-300		600	600		1.450	870.00
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484						
					SUBTOTAL	870.00
					FREIGHT	0.00
					SALES TAX	0.00
					AMT DUE	870.00

AYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE
 ER MONTH. ANNUAL PERCENTAGE RATE 18%.
 O RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING,
 ANDLING AND FREIGHT CHARGES.
 ARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

THE C.I. THORNBURG CO.,INC.

****** Invoice ******

PO BOX 2163

4034 ALTIZER AVENUE

HUNTINGTON, WV 25705

304-523-3484 Fax 304-523-0510

INVOICE DATE	INVOICE NUMBER
06/27/13	S1607169.1
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	
PAGE NO. 1	

BILL TO:

FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.		
2252	VERBAL DAVID		2	COLDAV			
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1607169.1	LI64W.OUR TRUCK		06/27/13	06/21/13			
DESCRIPTION			ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
H-1404-2-N 5/8"x3/4"x7" SETTER VALVE x DUAL CHECK MULTI-PURPOSE ENDS, LOW LEAD			10	10		132.500	1325.00
H-14222-N 5/8"x3/4"x3/4" MULTI-PURPOSE METER SETTER END CONNECTION LOW LEAD			20	19		17.520	332.88
H-1404-2-N 1"x10" SETTER DUAL CHECK VALVE OUTLET LOW LEAD			3	3		226.500	679.50
1" H-14222 MP END CONNECTION			5	2		21.530	43.06
1" SENSUS iPERL WATER METER, TRPL w/6' WIRE, LESS HOUSING, 100 US GALLON I4X1GGXX			3	3		216.200	648.60
502634 1" PRV ADAPTER			3	3		14.550	43.65
24"x30" WHITE PE CORR METER BOX			3	3		55.750	167.25
24"x18" CI ADAPTER RING			3	3		96.000	288.00
18" LC218 CI FLAT METER BOX COVER			3	3		30.000	90.00
3/4" AYM 4701T CORP STOP CC x CTS "T" COMPRESSION			8	8		40.000	320.00
H-15008-N 1" CC x COMP CTS CORP STOP LOW LEAD			10	10		56.750	567.50
H-15428-N 3/4" COMP CTS x MIPT ADAPT LOW LEAD			25	25		17.250	431.25
1" H-15428 CTS COMPxMIPT ADAPTER			6	6		15.780	94.68
H-15428-N 1" COMP CTS x MIPT ADAPT LOW LEAD			19	19		20.250	384.75
Subtotal Thru Page # 1 ---							5416.12

THE C.I. THORNBURG CO.,INC.

**** Invoice ****

PO BOX 2163

4034 ALTIZER AVENUE

HUNTINGTON, WV 25705

304-523-3484 Fax 304-523-0510

INVOICE DATE	INVOICE NUMBER
08/02/13	S1607169.2
REMIT TO: THE C.I. THORNBURG CO., INC. P.O. BOX 2163 HUNTINGTON, WV 25722-2163	PAGE NO. 1

BILL TO:

FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601

SHIP TO:

FARMDALE WATER DISTRICT
100 HIGHWOOD DR
FRANKFORT, KY 40601

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	CUSTOMER JOB NUMBER	WHSE	SALESPERSON	TERMS: DUE DATE AND CASH DISCOUNT IF APPLICABLE ARE LISTED BELOW.		
2252	VERBAL DAVID		2	COLDAV			
SALES TICKET NUMBER	SHIP VIA		DATE SHIPPED	ORDER DATE	1 1/2% FINANCE CHARGE ADDED ON PAST DUE ACCOUNTS.		
S1607169.2	LI64W.OUR TRUCK		08/02/13	06/21/13			
DESCRIPTION			ORDER QTY	SHIP QTY	UM	NET UNIT PRICE	NET AMOUNT
H-14222-N 5/8"x3/4"x3/4" MULTI-PURPOSE METER SETTER END CONNECTION LOW LEAD.			1	1		17.520	17.52
1" H-14222 MP END CONNECTION			3	3		21.530	64.59
H-14222-N 1" MP END CONNECTION LOW LEAD			1	1		27.560	27.56
502634-N 1" PRV ADAPTER			3	3		14.000	42.00
18" PLASTIC 2-PC METER BOX COVER WITH SNAP LID PS500			10	10		55.650	556.50
1" WILKINS 600HR PRESSURE REDUCING VALVE			3	3		128.450	385.35
FOR INVOICE QUESTIONS, PLEASE CONTACT CHERI AT OUR HUNTINGTON OFFICE. PHONE: (304) 523-3484							
						SUBTOTAL	1093.52
						FREIGHT	0.00
						SALES TAX	0.00
						AMT DUE	1093.52

PAYMENT TERMS: NET 30 DAYS. PAST DUE ACCOUNTS SUBJECT TO 1 1/2% FINANCE CHARGE PER MONTH. ANNUAL PERCENTAGE RATE 18%.

NO RETURNS ALLOWED WITHOUT PROPER WRITTEN AUTHORIZATION. RETURN MATERIAL SUBJECT TO RESTOCKING, HANDLING AND FREIGHT CHARGES.

WARRANTIES: LIMITED TO THOSE PROVIDED BY MANUFACTURER.

Attachment 4

**AVERAGE METER CONNECTION EXPENSE
COST JUSTIFICATION**

Name of Utility Farmdale Water District

The following is an itemization of expenses for providing a metered service connection.

A. Meter Size

5/8-Inch € 3/4-Inch € 1-Inch □ 1 1/2 -Inch □ 2-Inch □

Other (specify) 5/8 X 3/4

B. Materials Expense

	<u>Unit Quantity</u>	<u>Cost</u>	<u>Total Cost</u>
1. Water Meter	1 <u> </u>	127.95 <u> </u>	127.95
2. Meter Yoke	1 <u> </u>	132.50 <u> </u>	132.50
3. Corporation Stop	1 <u> </u>	40.00	40.00
4. Meter Box and Top	1 <u> </u>	95.65 <u> </u>	95.65
5. Miscellaneous Fittings	<u> </u>	107.50 <u> </u>	107.50
6. Other (Itemize)			
PRV and adapter	1	77.00	77.00
Radio	1	105.00	105.00

Miscellaneous Fittings- (Saddle= \$51.50, ¾ compX ¾ MPT=\$17.25,

Coppersetter ends=\$17.50, 25 ft of tubing= \$21.25)

TOTAL MATERIALS EXPENSE **\$ 685.60**
(add total cost)

C. Service Pipe Expense

Type of Service Pipe Plastic tubing__ Size of Service Pipe 3/4

		<u>Unit Quantity</u>	<u>Cost</u>	<u>Total Cost</u>
1.	Short Side Service	6 ft__	1.25__	7.50__
2.	Long Side Service	45 ft__	1.25__	56.25

AVERAGE SERVICE PIPE EXPENSE \$ 31.88
(add total cost and divide by 2)

D. Installation Labor Expense

		<u>Total Hours</u>	<u>Hourly Rate</u>	<u>Total Cost</u>
1.	Short Side Service	2__	25.50	51.00__
2.	Long Side Service	6__	25.50_	153.00__

AVERAGE INSTALLATION LABOR EXPENSE \$ 102.00
(add total cost and divide by 2)

E. Installation Equipment Expense

		<u>Total Hours</u>	<u>Hourly Rate</u>	<u>Total Cost</u>
1.	Short Side Service	2__	75.00_	150.00__
2.	Long Side Service	6__	75.00_	450.00__

AVERAGE INSTALLATION EQUIPMENT EXPENSE \$ 300.00
(add total cost and divide by 2)