

**ELKHORN WATER DISTRICT  
P.O. BOX 67  
FRANKFORT KY 40602**

**RECEIVED**

DEC 21 2009

PUBLIC SERVICE  
COMMISSION

**December 17, 2009**

**Public Service Commission  
P.O. Box 615  
Frankfort, Kentucky 40602**

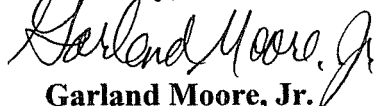
**SUBJECT: CASE NO. 2009-00418**

**Dear Sir:**

The enclosed information is in response to your information request of December 10, 2009. The responses were prepared by our contract manager, Dale Gatewood of Gatewood Water Service.

- 1. Invoices are shown in Exhibit 1.**
- 2. A) hourly breakdown shortside-Exhibit 2  
B) hourly breakdown longside-Exhibit 3  
C) hourly rate for longside includes a push machine-Exhibit 4**
- 3. Labor expense plus backhoe plus pickup truck-\$68.60-Exhibit 4  
Contractor charges District \$65.00 for 1 hour.**
- 4. Breakdown of administrative expense rounded to \$20.00-Exhibit 5**

Sincerely,



**Garland Moore, Jr.  
Chairman**

**Enclosures**

**CERTIFICATE OF PREPARER**

I, Dale Gatewood of Gatewood Water Services certify that the enclosed responses are true and accurate to the best of my knowledge, information and belief formed after a reasonable enquiry.

Dated this \_\_\_\_ day of November  
2009.

*Dale Gatewood*

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Dale Gatewood

THE C.I. THORNBURG CO., INC.  
LEXINGTON BRANCH  
740 ENTERPRISE DRIVE  
LEXINGTON, KY 40510

Bid To:

Ship To:

Acct #836  
PEAKS MILL WATER DISTRICT  
310 PERKINS LANE  
FRANKFORT, KY 40601  
Phone # : 502-227-5740

PEAKS MILL WATER DISTRICT  
310 PERKINS LANE  
FRANKFORT, KY 40601

--Bid-Date---Expr-Date---Writer---Terms-----Ship Via-----  
07/17/09 09/15/09 ROBTHO NET 30 DAYS LI64W.OUR TRUCK  
--Purchase Order #-----CTNS / WT----Picker----Loader-----Delivered By-----

Bid-Qty--		Unit Price	Ext Price
1	5/8"x3/4"x7" H-1404-2 COPPER METER YOKE w/ ANGLE VALVE INLET, DUAL CHECK VALVE OUTLET, MULTI-PURPOSE END CONNECTIONS	92.05ea	92.05
2	5/8"x3/4"x3/4" H-14222 MULTI- PURPOSE METER SETTER END CONNECTION	12.76ea	25.52
1	1"x10" H-1404-2 METER YOKE w/ DUAL CHECK VALVE OUTLET	145.60ea	145.60
2	1" H-14222 MP END CONNECTION	19.56ea	39.12
1	3/4" H-15000 CCxFLARE CORP STOP	23.12ea	23.12
1	1" H-15000 CCxFLARE CORP STOP	35.29ea	35.29
1	8"x3/4"CC AYM 3891 HINGED BRASS SERVICE SADDLE for IPS PVC PIPE	55.85ea	55.85
1	18"x22"x24" BLK/WHITE BULLET STYLE METER BOX SKU#00182033	59.00ea	59.00
1	18"x24" WHITE PE CORRUGATED METER BOX	26.44ea	26.44
1	18" VESTAL RMC-18L w/SN NON-REC CI METER BOX RING & COVER w/SMALL NUT 32-023	49.85ea	49.85
1	5/8"x3/4" SENSUS SR TR/PL WATER METER, 10 US GALLON, PL/BTM, 6 WHEEL, LESS HOUSING	107.00ea	107.00
1	1" SENSUS SR TR/PL WATER METER, 10 US GALLON READ, BRZ BTM L/ HOUSING	183.25ea	183.25
1	SENSUS MODEL 520R SINGLE PORT METER MXU TRANSCEIVER UNIT w/ INTERNAL BATTERY AND HOURLY LEAK DETECTION INTERVALS, M520R-C1-TC-X-AL #5396153752001AL	110.00ea	110.00
500	3/4"x500' CTS 200# PE3408 ENDOPOLY HIGH DENSITY POLYETHYLENE TUBING	0.25ft	125.00
300	1"x300' CTS 200# PE3408 ENDOPOLY HIGH DENSITY POLYETHYLENE TUBING	0.39ft	117.00

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EXHIBIT 1

\*\* QUOTATION \*\*

S1442273

Acct #836

PEAKS MILL WATER DISTRICT

Page# 2

Bid-Qty--

Unit Price Ext Price

100 2"x100' CTS 200# PE3408 ENDOPOLY  
HIGH DENSITY POLYETHYLENE TUBING

1.65ft 165.00

BID TOTAL 1359.09

Bid Amount 1359.09

Extras not listed or spelled out are not included in pricing.  
We reserve the right to correct clerical errors.

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2. a. Short side meter hours were given to the water district by Gatewood Water Service.

Short side meters are set by using a Model 1925 New Holland backhoe on a 16 ft trailer pulled by a ¾ ton Chevy Pick-up.

• Travel time average to get to site		30 minutes
• Finding & digging up main line	1 hr	45 minutes
• Set saddle on main & place corp		30 minutes
• Tap line		15 minutes
• Flare line from corp to setter & placing line in setter crossing		15 minutes
• Placing box & leveling box		20 minutes
• Putting meter into setter & <del>set pipe for</del>		
<del>MXE Transceiver &amp; hook it to the pipe</del>		15 minutes
• Fill in ditch		<u>10 minutes</u>
 TOTAL		 4 hours
 Clean-up =		 1 hour

2. A. Long-side meter hours were giving to the water district by Gatewood Water Service. They install our meters.

Long side meters are set by 2 men using a full-size backhoe and a rod pushing machine on a 10 ft trailer pulled by a ¾ Chevy Pick-up truck.

• Moving backhoe to site on it wheels	1 hr	30 minutes
• Setting out signs & cones for traffic control		30 minutes
• Digging out pit for pushing machine	1 hr	
• Setting pushing machine		30 minutes
• Making push under road		45 minutes
• Digging up & finding rod end	1 hr	
• On half of the pushes, the push will not work because of rock & roots under road - must be pulled back, reset & push again at half time	1 hr	30 minutes
• Change head of rod & hook up 2 inch casing & roll out casing		30 minutes
• Pull back casing & release casing & cut to hit road crossing	1 hr	
• Fencing site for night		30 minutes
• Removing fence in morning		30 minutes
• Dig out & find main line	1 hr	45 minutes
• Set saddle on main & place corp		30 minutes
• Tap Line		15 minutes
• Open ditch from main & push pit		30 minutes
• Open ditch from push pit to meter site		30 minutes
• Feed line through casing & place in ditch		30 minutes
• Flare line from corp to setter & place line in setter crossing		15 minutes
• Placing box & leveling box		20 minutes
• Placing meter into setter & <del>set pipe for</del> <del>MXU Transceiver &amp; hook it to the pipe</del>		15 minutes
• Fill in ditch	1 hr	
• Take down signs & cones		<u>30 minutes</u>
TOTAL		15 hrs 35 minutes
Clean up =	1 hour	

2. b. Labor Expense

Backhoe operator	=	\$14.00 per hour
Helper	=	<u>\$ 8.00</u> per hour
Pay		\$22.00
7.65%	Social Security	
1.3%	Unemployment	
6.5%	Workers Comp	
<u>3.5%</u>	Liability Ins.	
18.95%		\$ 4.17
Employee Health Ins.		\$ 2.43

2. B. Equipment expense

Backhoe	=	\$35.00 per hour
Pick-up Truck	=	\$ 5.00 per hour
Pushing Machine	=	\$ 5.00 per hour

These prices include fuel for machines & trucks

3. Selling meter to customer & getting customer to sign contract	15 minutes
Get plumbing permit & put with contract	5 minutes
Place meter account into computer	10 minutes
Print meter page & place in book	<u>10 minutes</u>
	40 minutes

Cost of office help @ \$14.00 per hour with \$18.95%

Cost noted in answer #2 & benefits \$18.65 per hr

Cost of office, phones, computers, copiers  
& electric \$ 9.52 per hr

Total per hour \$28.17

Divided by minutes per hour 60 minutes

Equals \$0.47 per minute

$\$0.47 \text{ per minute} \times 40 \text{ minutes} = \$18.80$