

August 28, 2015

Justin McElfresh
Sherman, Carter, Barnhart Architects
100 Mallard Creek Road, Suite 151
Louisville, KY 40207

Re: Geothermal Test Well for
New Spencer County Elementary School
Irvington, KY

Dear Mr. McElfresh:

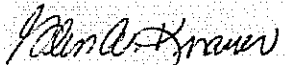
Please find attached the quotes for one (1) test well at the site of the proposed Spencer County Elementary School. The quotes received were from Eastern Well & Pump, Inc., Withers Geothermal, Moses Drilling Company and Geothermal Earthworks, Inc.

Upon review of the quotes, we recommend that Eastern Well & Pump, Inc. be selected to do the test well work. Their base quote for this work is \$9,092.00. This is the lowest quote out of the four quotes received.

If you agree with our recommendation and wish to have us authorize Eastern Well & Pump, Inc. to do the test well work at the Spencer County Elementary School site, please have a school representative sign this letter where indicated below and return to our office. We will assist the contractor in finding the proposed well field site and locate the test well. The test well will be located where it can be used in the final well field layout.

If you would like to further discuss this issue, please feel free to call us at your convenience.

Sincerely,

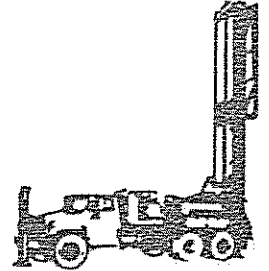


Glen Knauer
Mechanical Project Manager

Spencer County Schools

File: 1550

- GEOTermal / GLHE Manufacture / HVAC Loop Contractor
- Water Wells
- Monitoring Wells
- Specialized Drilling Services
- Environmental Drilling Services
- Groundwater Exploration and Development
- Pumps
- Water Treatment
- Consulting
- Engineering



Eastern Well & Pump, Inc.

—5th Generation Serving You Since 1893—
Hwy 119, Fresh Meadows

P.O. BOX 1156 • HARLAN, KY 40831 • Ph. (606) 573-3069 • Fax (606) 573-3108

Re: Spencer County Geothermal Test Bore

Mr. Glen Knauer ,

Eastern Well & Pump can provide a 350' test bore with (1) Thermal Conductivity test and analysis for the amount of \$ 9,092.00. This price will also include 21 feet of temp PVC casing.

Thank You for the opportunity to quote .

Sincerely,

Sandi Collins, EWP/ Office Mgr.

Kevin R. Moses
Crit E. Moses
K. Amos Moses

IGSHPA Certified
NATE Certified
Water Furnace GSC
Kentucky Water Well Certified



Moses Drilling Company
153 Booger Hollow Road
Gray, KY 40734
Phone (606) 523-1215
Fax 866-896-0184

kevin@mosesdrilling.com
amos@mosesdrilling.com

August 19, 2015

Shrout Tate Wilson
Glen Knauer

Re: Taylorsville, KY New Spencer County Elementary School

Please accept this as our quote for the test bore on this project. We are quoting (1) 350' deep test well and we will provide well logs delineating subsurface conditions and recommendations, install (1) 1" DR11 unicoil loop, back fill with #9 stone and provide a bentonite cap for surface water protection, provide clean up and perform a 48 hour conductivity test as requested. We are a Kentucky Certified Water Well Driller as required and our certification number is 0281-0347. We can drill the test bores just about any time within three to seven working days from awarded notice. The conductivity test will follow behind the completed holes at about four days to give the earth time to return back to normal temperature. The conductivity test is 48 hours and the test results should be obtained within about a week from there. All costs for mobilization and demobilization are also included in this quote.

Our quote for this project is \$9895.00.

We will make our necessary calls to KY 811 as required. As with any quote you receive, if well casing is required for geological conditions such as caves or other bad formations, it is an added cost of \$12.00 per foot for permanent steel casing. We will contact you if the need for casing should arise prior to installation.

What is not included: (These are standard exclusions although none may apply.) No replacement to any grasses, sods, concrete or blacktop encountered while on property. If casing is required, that will be an extra cost. Water must be made available on site for us to use for drilling and grouting. Drill location information must be made available for us to make calls to underground protection before mobilizing on site.

If I can be of any further service, please advise and thank you for allowing us the opportunity to quote these test bores with you.

Sincerely,

K. Amos Moses

PROPOSAL

Need Drillin', We're Willin'

STATEMENT # 001
DATE: AUGUST 19, 2015

41 N Bramblett St.
Columbia, KY 42728
Phone 270.384.5455
Fax 270.384.1721
dwithers@withersgeothermal.com

SHROUT TATE WILSON
ATTN: GLEN KNAUER
RE: NEW SPENCER CO ELEM SCHOOL
TAYLORSVILLE, KY

[illegible]



**Proposal for Test Well for Spencer County Elementary School,
Taylorsville KY**

8/11/2015

By Brad Cross

Proposal for Test well to include:

- 1 wells @ 350ft w/ 1" DR 9 loop.
- Backfill with #9 Stone
- Drilling and site clean-up
- Thermal Conductivity Test Report will be provided.
- 30ft of Casing will be included

Drilling (1) 350 ft well w/Bentonite Grout Cap & #9	\$5,250.00
Thermal Conductivity Test for 1 Well	\$4,500.00
Travel	\$1,500.00
Site Clean Up	\$500.00
Casing if required \$19.00/ft	\$570.00

Proposed Invoice \$12,320.00

Brad Cross, President
485 Hammitt Hill Rd.
Bowling Green, KY 42101
Phone: 270-842-3940
Fax: 270-393-0558