

June 22, 2015



Re: Geothermal Quote, Revised

The following is our price and zone breakdown for the above listed address. Equipment will be *Bosch* vertical SM series units. Units will perform primary cooling and secondary heating of the entire structure. All radiant and controls will be by others.

First Floor Zone A

One (1) SM048VT unit Family Room, Kitchen, Breakfast Area, Pantry, Laundry will be zone#1. Zone #2 is the Playroom, Exercise Room, Walk in Closet, and Bathroom. Zone A will receive electronic dampers, 10kw heater and supplemental domestic hot water option.

First Floor Zone B

One (1) SM048VT unit Zone #1 will be the Dining Area, Vestibule, Parlor, and North Hall. Zone #2 will be the Library and South hall. Zone B will receive electronic dampers for lower library and a 10kw heater.

Second Floor Zone C

One (1) SM048-CS unit One (1) DX048-AV unit

Master Suite, Sitting Area, Closets, Bathroom, Powder Room, South Hall. Zone C will be a split SM heat pump unit with an air handler in the mechanical room and condenser section in the basement. Air handler will have a 10kw heater. Upper library will be controlled by electronic dampers.

Zone D

One (1) SM024-CS unit One (1) DX024-AV unit Will be Suites 1,2,3, Bathroom, Walk in Closets, Shared Space A and B. Zone D will have a split SM heat pump unit with an air handler in the mechanical room and a condenser in the basement. Air handler will have a 10kw heater.

Zone E

One (1) SM024-CS unit One (1) DX024-AV unit Will be for Guest, Sam, Stair/Hall, and North Hall

This proposal may be withdrawn by us if not accepted within 30 days.



Zone F

One (1) SM048VT unit

Zone F is for the Recreation Room, Wet Bar, Guest Room, Secondary Bedroom, Entry. Zone F will receive 10kw heater and desuperheater supplemental domestic hot water option and electronic zone dampers.

Included:

- Sheetmetal ducting
- Interior water piping for Geothermal units
- All low voltage HVAC wiring
- Bath and dryer venting ducts only
- Oven venting duct only
- R8 externally insulated and mastic scaled ducting
- Honeywell controls
- Upgraded supply and return grills (not stamped steel)
- Five (5) Honeywell electronic air cleaners
- Two (2) Honeywell 12 gallon rated steam humidifiers on first floor
- · Whole house ventilator and ducts for second floor
- 10 year manufacturers' warranty on parts
- One year warranty on labor

Excluded:

- Well and Geothermal flow centers
- Any radiant equipment or piping
- Any high voltage wiring
- Permit fees
- Any unstated work

Our Quote:

\$108,900.00

Please note: If Township requires a blower door test or duct blaster test for any installation/changeout, this can be provided for an additional charge.

Payment Schedule

A deposit of 50%* is required with a signed copy of this proposal. The balance is due upon completion of our work.(*terms to be discussed at signing of proposal)