



## Invitation to Bid/Request for Qualifications

### HVAC Contractors

This is a bid-request for a full HVAC installment program. Your bid should be submitted as turnkey cost per ton installation, and should include all permits, labor, materials, connections and inspections required to complete a single family detached house to EcoBuild specification.

(Note: This is NOT a HVAC-Repair bid-request.)

Your Complete Bid MUST have all of the following:

#### You must:

- Provide proof of HVAC systems installed during the last 12 months
- Submit a letter of reference from your HVAC material supplier demonstrating that you have a charge account with them and are in good standing

#### Quote a Turn-key price including:

- All labor and materials for a same day removal and replacement of [REDACTED] and same day disposal of all removed materials (demo'ed materials must be removed from site)
- Materials quoted must include all of the following:
  - Cooling equipment sized and installed according to correct Manual "J" calculations based on actual house design, specifications, and orientation. (Local HVAC contractor will calculate and prescribe the correct tonnage for each house)
  - Gas Furnace, 80,000 BTU (80% AFUE or Higher)
  - Cooling equipment rated at a minimum 14.0 SEER efficiency.
  - Heating and cooling units must be verified in the Air Conditions and Refrigeration Institute (ARI) Manual as a tested system.
  - Programmable Thermostat
  - Extended plenum design with end cap
  - Ducts designed and installed to meet room air delivery requirements as set in Manual "J"
  - No main HVAC trunk lines made of Flex duct
  - No flex duct take-offs over 3 feet long
  - Ducts cut to exact length and supported to manufacturer's specifications
  - No turns in ductwork greater than 90 degrees
  - Air-balancing dampers installed at each takeoff
  - Supply and return grills must be at least six feet apart
  - Furnace cabinet must be elevated 1.5" to 2" above overflow pan bottom
  - Duct installation of R-8
  - Duct system, HVAC unit, and takeoff collars must be sealed with Mastic tape or Mastic paint to insure 8% or less air leakage, as determined by MLGW duct blaster test.
  - Boots caulked to sheetrock prior to grill installation
  - 20 X 25 Filter grill with a Pleated-Media air filter

#### Quotes must include:

- Plan for same day disposal of all materials and cleaning of entire job site
- Several As-Is/Project Start photos, In-Progress photos, and Finished/Completion photos

#### Additional Requirements:

- Work performed must conform to all applicable local, state, and federal codes and restrictions

#### Warranty:

- One year Minimum

Also note:

Failure to provide any of the following with your submittal will disqualify your submittal:

- Completed Company Profile Form ([available on-line @ khfhbidroom.com](http://khfhbidroom.com))
- Copy of current General Liability Insurance (minimum coverage \$500,000.00)
- Completed Comprehensive Subcontractor Agreement ([available on-line @ khfhbidroom.com](http://khfhbidroom.com))
- Copy of current Workers Compensation insurance coverage
- Copy of General Contractor's License Number and State of Issuance
- Knox County TN Business License Number
- If applicable, M/WBE Certification and/or evidence that it has been applied for

Signed, dated submittal must be received by **November 30, 2018** 3:00pm Eastern Time, at:

Knoxville Habitat for Humanity  
1501 Washington Avenue  
Knoxville TN 37917, or at  
[khfhbidroom.com](http://khfhbidroom.com)