



Addendum No. 1

To Bid Documents For

AAHC Geothermal Project

ITB #4350

The following changes, additions and/or deletions shall be made to the Bid Documents for Geothermal Project for the Ann Arbor Housing Commission (AAHC), Bid No. ITB-4350.

The information contained herein shall take precedence over the original documents and all previous addenda, and is appended hereto. This Addendum includes 3 pages and 0 drawings.

Item #1: Hillside Manor

- a. RFI – Load profile on units. **Please refer to schedules on drawings for heating and cooling loads**
- b. RFI – For penetration into the building through the outside wall, would link seals be acceptable for waterproofing vs a sleeve and caulk? **Yes**
- c. RFI - Please clarify which walls/floors are fire rated and will require fire proofing in penetrations. **All vertical (floors) and horizontal (walls) between units.**

Upper Platt Colonial

- a. RFI – Load profile on units **Please refer to schedules on drawings for heating and cooling loads**
- b. RFI – For penetration into the building through the outside wall, would link seals be acceptable for waterproofing vs a sleeve and caulk? **Yes**

- c. RFI – For penetration into the building through the outside wall, would link seals be acceptable for waterproofing vs a sleeve and caulk? **Yes**
- d. RFI - Please clarify which walls/floors are fire rated and will require fire proofing in penetrations. **All vertical (floors) and horizontal (walls) between units.**
- e. RFI – if any damage occurs to the sidewalk, is it the responsibility of this contractor to repair? **Yes**
- f. RFI – water at this location is across the street and not easily accessible. Would it be possible to connect to the complex with a minimum of a garden hose connection? **Coordinate with Ann Arbor Housing personnel**

#### Mallet's Creek

- a. RFI – Load profile on units **Please refer to schedules on drawings for heating and cooling loads**
- b. RFI – For penetration into the building through the outside wall, would link seals be acceptable for waterproofing vs a sleeve and caulk? **Yes**
- c. RFI - Please clarify which walls/floors are fire rated and will require fire proofing in penetrations. **All vertical (floors) and horizontal (walls) between units.**
- d. RFI – there is a hydrant in the parking lot of this property. Is this acceptable to use? **Coordinate with Ann Arbor Housing personnel**

#### General RFI's

- a. On drawing SP1.0, 220500, Part 2 Products, 2.2A, it states that steel sleeves shall be used through the exterior wall. Typically, a hole is cored and a link seal is used for water proofing. Will this be acceptable? **Yes, if it is a poured wall. If block, install pipe sleeve with link seal.**
- b. On drawing SP1.1, 232116, Part 2 Products, it states that all geothermal piping above grade needs to be steel or copper. Would HDPE be acceptable? **No, steel or copper.**
- c. On drawing SP1.1, 232120 Hydronic Specialties, gives specifications for several hydronic specialties that are not shown on the drawings. Will any of these items be required in these installations? **Please refer to drawings for required items**

d. On drawing SP1.2, 232513 Part 3, 3.2 describes using a cleaner to clean the entire geothermal system. Typically any HDPE is not chemically cleaned. As recommended by IGSHPA, we flush at 2 ft/sec minimally, to ensure all air and debris are removed from the system. Please clarify what will be required to chemically clean. **Follow IGSHPA recommendations for flushing and cleaning system.**