



01 April 2016

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United Concrete Products, Inc.  
50 Nashua Road, Ste. 300  
Londonderry, NH 03053

Attention: Ms. Patty Norton, Project Manager

Subject: Portland, ME Fiber Hub Equipment Enclosure's 5-Ton HVAC Noise Mitigation System.

Reference: Original AVPA60 Noise Mitigation RFQ // AEC Quotation #01-9488A, Revision-1

Dear Patty:

In accordance with the above referenced AEC silencer quotation, the proposed silencer system hardware is designed to meet the site acoustic criteria of 55-dBA maximum at a distance of 10-feet from the HVAC unit exterior surface. The large cooling air intake and heated air discharge openings are typically the major source of noise emission for each HVAC cabinet.

The attached AEC Application Note depicts a similar type installation in a masonry building/enclosure. Figure #3 on page 2 illustrates the typical HVAC silencer deployment.

Thank you for the opportunity to respond to your acoustical requirements. Please feel free to contact me with any questions or concerns.

Respectfully yours,

Aeroacoustic Engineering Consultants, LLC

A handwritten signature in blue ink, appearing to read 'L. F. Hansen', is written over a faint, light blue rectangular stamp area.

Lawrence F. Hansen – Principal Engineer

Enclosures: AEC Application Note #AEC-032505

File: UCP Ltr 9488A.doc