

ADDENDUM

Buyer

Telephone Number

E-mail Address

Fax Number

STATE OF CONNECTICUT
UNIVERSITY OF CONNECTICUT HEALTH CENTER
Procurement Operations & Contracts
263 Farmington Avenue, MC4036
Farmington, CT 06032-4036



ITB NUMBER:	BID DUE DATE:	BID DUE TIME: EST
ITB TITLE:		

ITB ADDENDUM NUMBER: _____

DATE ADDENDUM ISSUED: _____

FOR: The University of Connecticut Health Center

NOTE TO BIDDER:

This Addendum must be Signed & Returned with your bid.	
_____	_____
<i>Authorized Signature of Proposer</i>	<i>Company Name</i>

Approved By: _____

[_____]

Fiscal Administrative Officer

(Original Signature on Document in Procurement Files)

END OF ADDENDUM

QUESTION #1:	Under the "SPECIFICATIONS FOR ANECHOIC CHAMBER" section of the bid package, it specifies that the anechoic wedge should be made of fiberglass and "covered with 'aerocore' laid flush on the sloping surfaces and the adjacent base" (Section 6.4). What is 'aerocore'? Is it some kind of protective material like fiberglass cloth or wire mesh? Please clarify.
UCHC RESPONSE:	A photograph of the material is attached. The fabric is shown laid over the surface of a fiberglass wedge for an anechoic chamber. The material serves to reduce shedding of fiberglass while preserving the anechoic performance of the unit up to the maximum frequency specified for the chamber to be anechoic (i.e., 100,000 Hz, see Specifications, paragraph 3.1)
QUESTION #2:	Related to the above question, if the goal is to increase the lifespan of the wedges, would alternative designs and/or materials, like perforated metal anechoic wedges for example, be acceptable provided they meet the specified acoustical requirements?
UCHC RESPONSE:	The goal is to provide total sound absorption by the wedge unit up to a frequency of 100,000 Hz, as described in the Acoustic Performance Requirements (Specifications, paragraph 3.1). A material with maximum open area and structural elements (e.g., thread diameter) very small compared to the wavelength of sound at the highest frequency at which the wedge is to remain anechoic (~ 3.4 mm) is required for minimum reflection or scattering of sound. Such a material is shown in the photograph provided. An alternative material is acceptable if it can be demonstrated to satisfy the acoustical requirements in paragraphs 3 and 4.2 of the Specifications. Please note that under the Qualification of Bidders (Specifications, paragraph 1.11) we are requiring bidders to provide the results of tests of the acoustical performance of anechoic chambers they have already built demonstrating their ability to satisfy the acoustical requirements of section 3 (i.e., chambers that are anechoic up to a frequency of 100,000 Hz, and with background noise below the threshold of human hearing when the HVAC is operating).
QUESTION #3:	Under the "SPECIFICATIONS FOR ANECHOIC CHAMBER" section of the bid package, it specifies that the floor grating "in this example" should be "2 pound expanded aluminum with the perimeter of the grating framed with 3/16" x 2" aluminum flat bar (welded at the intersections between the grating ends and the flat bar)". Would alternative designs and/or materials be acceptable for floor grating construction provided they are easily removable and do not degrade the acoustical performance of the chamber?
UCHC RESPONSE:	The floor is required to be removable, sectioned, lightweight (i.e., individual floor elements to be installed/removed by one person), and grating type, with maximum open area for minimum reflection or scattering of sound (see Specifications, paragraph 4.4). Specifications for mechanical loading and rigidity are contained in paragraph 5.3. With the flooring units removed from the chamber, the remaining floor supports shall not degrade the anechoic performance of the chamber as specified in paragraphs 3 and 4.4. The example of construction in paragraph 6.5 of the Specifications provides one proven method for fulfilling the requirements.



END OF ADDENDUM