



ADDENDUM #1
RFP #24-50800-CW-MOBILE DENTAL LAB-CONSTRUCTION

DATE OF ADDENDUM: July 17, 2024

This addendum shall be made part of the RFP documents and is issued to make additions, changes, or clarifications to the RFP documents.

1. Is this trailer to be a 53ft Enclosed Semi-Trailer or a 53ft Enclosed Gooseneck Trailer
 - 53ft Enclosed Semi-Trailer
2. How many students are likely to be in the trailer at one time?
 - 6-10, and we may also provide tours and demonstrations that would include more than 10.
3. Our trailer is setup for Shore Line power connection is that OK?
 - Yes, but we would like the option to hook up to an appropriately sized generator as well.
4. Under Cabinetry/Counter space are you looking for 1 of the 3 listed or all 3 with an option on the choice for item 2?
 - All options. All 3 are totally different areas/spaces.
5. What R rating are you looking for in the insulation?
 - The training lab will be used in portions of central and northern Wisconsin (Zones 6 and 7). Ideally the walls should be R13-R21, floors should be R25-R30 and the ceilings should be R40-R60. The College would like the lab to be comfortable in the frigid winter months and the humid/hot summer months.
6. HVAC BTU requirement?
 - The training lab will be used in portions of central and northern Wisconsin (Zones 6 and 7). The College would like the lab to be comfortable in the frigid winter months and the humid/hot summer months. The average BTU for general purpose AC or Heating would be around 62,300.

General Purpose AC or Heating BTU Calculator

This is a general purpose calculator that helps estimate the BTUs required to heat or cool an area. The desired temperature change is the necessary increase/decrease from outdoor temperature to reach the desired indoor temperature. As an example, an unheated Boston home during winter could reach temperatures as low as -5°F. To reach a temperature of 75°F, it requires a desired temperature increase of 80°F. This calculator can only gauge rough estimates.

Result

62,300 BTU or 18,258 Watts or 5.2 Ton

Room/House Width	<input type="text" value="8.5"/>	<input type="text" value="feet"/>	<input type="button" value="v"/>
Room/House Length	<input type="text" value="53"/>	<input type="text" value="feet"/>	<input type="button" value="v"/>
Ceiling Height	<input type="text" value="9"/>	<input type="text" value="feet"/>	<input type="button" value="v"/>
Insulation Condition	<input type="text" value="normal"/>		
Desired Temperature Increase or Decrease	<input type="text" value="100"/>	<input type="text" value="Fahrenheit"/>	<input type="button" value="v"/>

e.g. 75°F for Boston winter, 45°F for Atlanta winter.