

McHenry County College Downdraft Grinding Table Questions for RFP#04112024

1. Bid states that the table will be used for grinding. Specifically, what sort of grinding is taking place? How is the grinding taking place? Is this the only application that the equipment will be used for or are there others?
 - a. Students will be grinding metals to remove coatings in preparation for welding. They may also use the tables to grind welds that have been made on their welding projects.
2. What is the material(s) are being grinded and what sort of material besides the grinding dust will be collected in the filters?
 - a. Students will grind hot and cold rolled steel. We do not anticipate other materials besides grinding dust being collected.
3. Does the equipment need to meet NFPA standards?
 - a. No
4. Are there any other regulatory requirements that need to be considered?
 - a. None that we are aware of.
5. What is the maximum outside footprint of the equipment that is allowed?
 - a. Construction drawings show approximately 30" X 75."
6. What sort of services will be required for installation? Will the college be performing the electrical connection from their panel to the downdraft tables, or will this be the responsibility of the vendor? If the electrical connection is the responsibility of the vendor, can the college please provide a layout that shows where the main panel will be located in relation to the tables and also any electrical requirements that need to be followed (i.e. conduit type, etc.)
 - a. MCC Will make the connection to the building.
7. Is there an amperage requirement for the system that the vendor needs to stay under?
 - a. 15 AMPS
8. Is there a maximum HP that is allowed to achieve the requirement?
 - a. The spec indicates 3 HP, 208V.
9. Should the pricing of any training, installation, setup, delivery, and shipping be included in the overall number or as a separate line item?
 - a. Freight, if any, should be broken out as a separate line item. Note, we are tax exempt.
10. Does the customer have the ability to receive the equipment (availability of loading dock, forklifts, etc.), or will they need specialized delivery services? If specialized services are needed, please specify what requirements need to be followed for freight delivery.
 - a. We have a forklift.

11. Regarding set-up, will the vendor be required to uncrate the equipment and move it to its final destination? If the vendor is required to do the above, please provide detail on where the equipment will be placed such as number of feet away from loading dock, availability of freight elevators if the equipment needs to be moved up steps, door heights and widths that need to be considered, etc.
 - a. The equipment will be unloaded through an overhead bay door that is approx. 12 feet wide and 14 feet tall.
12. Will the college have trash receptacles available for any crating materials?
 - a. Yes
13. At what distance from the work surface is your noise requirement measured from?
 - a. We do not have a measurement.
14. Are there any material requirements for construction of the equipment?
 - a. We would expect coated steel.
15. Can you provide more detail on the requirement for the water pan to cover the filters? Placing something solid over the filters will impede airflow. Are alternative approaches to decreasing the risk of fire and or a smoldering event accepted?
 - a. There needs to be a spark capture device between filters and the grinding surface.
16. Can you please clarify footprint - our offering is 35" deep. Is that within allowable size tolerances?
 - a. The allowable depth is 30". See question 5 for more information.
17. Can you clarify your available voltage? Is it 208 single phase or 208 three phase?
 - a. We supply voltage in a single phase.