

Vendor Questions with Answers

District:	Richland School District
RFP/470 Number(s):	170074549
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Q1. What kind of power is available in the rooms marked MDF on the "RSD UPS" Excel sheet. With wattage requirements, so high it will require more than the stated 20A circuits. Are there multiple 20A circuits? Are there any higher Amperage circuits available in those closets?

R1. The District has adequate power to all locations for the UPSs requested.

Q2. I am reaching out to you in regards to the recently published RFP for Richland School District. As the technical contact listed on the Form 470 I was hoping you could answer a question that I have.

After reviewing the spreadsheet I noticed that you have a NEMA 5-20 limitation for the available circuitry for the UPS to receive power from. This will limit us in many aspects when configuring a solution for this E-Rate Project. The maximum capacity of the 120V 20A circuit is 1,920W. In instances where the wattage load of the equipment exceeds that 1,920W limitation we would need to use multiple UPS's to support the equipment loads. In this case that is (32) locations. And to add to that, each UPS requires its own circuit which may or may not be available. Some sites may need as many as (6) 20A circuits to support the large equipment loads.

Q) Will the District have the ability to have a qualified electrician re-wire any of these sites to provide the proper Circuitry/Electrical Receptacles for the correctly sized UPS to support the wattage load of the equipment for that location?

Potential Issue Example:

LCE – MDF

12x Switches, 1 Shoregear 90

8,913W load

A site like this would need (6) 2200VA UPS's to support the equipment load. Each UPS will require its own 20A circuit. If (6) NEMA 5-20P circuits aren't available then you would need to add those.

A better plan would be to properly wire that location to support a UPS that can support that application. This will reduce the overall cost since you would just use (1) UPS to cover this load, instead of having (6) UPS's that you need to manage. Your 470 states that (80) UPS's are needed, but based on the current electrical configuration you would need +/- 140 UPS's to support all these locations.

R2. Please just provide pricing on what has been requested.