



RFP #656
REQUEST FOR PROPOSALS
for
TECHNOLOGY EQUIPMENT (E-RATE)

Question and Answers

- On page 24 of the RFP, the cabling/installation requirements call for installing new racks. However on the appendix A of the pricing sheet, on each individual site, there is no line item to provide pricing for new racks. Are new racks required? **Racks are not required. It seems that item was copied from the old RFP.**
- The requirement for the runtime on the UPS calls for one hour. What is the power draw to base the runtime off of? **Please see the attached file showing the "show power" output.**
- Will the customer accept equivalent manufacturers to APC? **Yes**
- Are there pre-approved model numbers for IDF UPS systems? **No**
- Can you provide measurements of existing cabinets to ensure the IDF UPS model proposed will fit inside the cabinets? **UPS units cannot be stored in the cabinets. They will be placed on the floor under the cabinet.**
- On page 24 of the RFP, it calls for tagging cables and patch-panel ports. Is this required if the contractor is not replacing the patch panels? **No.**
- On page 25 of the RFP, it calls for horizontal/vertical wire management panes. However on the appendix A of the pricing sheet, on each individual site, there is no line item to provide pricing for new horizontal/vertical wire management panes. Are new racks required? **It depends on each school and the need for wire management.**

1/18/2022

RCHS MDF "Show Power" output:

system power redundancy mode = redundant

system power redundancy operationally = redundant(2+1)

system power total = 5699.72 Watts (109.61 Amps @ 52V)

system power used = 2869.36 Watts (55.18 Amps @ 52V)

system power available = 2830.36 Watts (54.43 Amps @ 52V)

Power-Capacity PS-Fan Output Oper

PS Type Watts A @52V Status Status State

```
-----
1 C6800-XL-3KW-AC 2999.88 57.69 OK OK on
2 C6800-XL-3KW-AC 2999.88 57.69 OK OK on
3 C6800-XL-3KW-AC 2999.88 57.69 OK OK on
4 none
```

Pwr-Allocated Oper

Fan Type Watts A @52V State

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-----
1 C6807-XL-FAN 260.00 5.00 OK
```

Pwr-Allocated Oper

PwrCon Type Watts A @52V State

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1 C6800-XL-PS-CONV 12.48 0.24 OK
2 C6800-XL-PS-CONV 12.48 0.24 OK
```

Pwr-Requested Pwr-Allocated Admin Oper

Slot Card-Type Watts A @52V Watts A @52V State State

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-----
1 WS-X6816-10GE 488.28 9.39 488.28 9.39 on on
2 WS-X6816-10GE 488.28 9.39 488.28 9.39 on on
3 VS-SUP2T-10G 434.72 8.36 434.72 8.36 on on
4 VS-SUP2T-10G 434.72 8.36 434.72 8.36 on on
5 WS-X6848-GE-TX 404.56 7.78 404.56 7.78 on on
6 WS-X6848-SFP 333.84 6.42 333.84 6.42 on on
```

system auxiliary power mode = off

system auxiliary power redundancy operationally = non-redundant

system primary connector power limit = 9100.00 Watts (175.00 Amps @ 52V)

system auxiliary connector power limit = 13000.00 Watts (250.00 Amps @ 52V)

system primary power used = 2869.36 Watts (55.18 Amps @ 52V)

system auxiliary power used = 0 Watt

1/18/2022

“Show Power Inline” output for 4 IDF's at RCHS:

Module	Available (Watts)	Used (Watts)	Remaining (Watts)
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1	1440.0	292.7	1147.3
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Module	Available (Watts)	Used (Watts)	Remaining (Watts)
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1	1350.0	303.4	1046.6
2	1380.0	185.4	1194.6
3	1350.0	92.7	1257.3
4	1350.0	76.3	1273.7

Module	Available (Watts)	Used (Watts)	Remaining (Watts)
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1	1380.0	75.5	1304.5
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Module	Available (Watts)	Used (Watts)	Remaining (Watts)
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1	1170.0	165.9	1004.1
2	1170.0	224.7	945.3
3	1170.0	67.4	1102.6