**Information Provided During Walkthrough**

What is the amount of cabling that needs to be ran and what type?

28 single mode fiber runs 10g+. Estimated 5000 ft.

What kind of switch racks?

Standing, locking style and wall mounted locking cabinets. See attachment. Standard depth for all racks/cabinets.

What type of switches?

Layer 2 48 port POE that have web based management access.

Can you provide specs for racks?

No brand preference. 9 standing, locking racks with minimum of 24U and minimum 19” depth. 28 wall mounted, locking cabinets with minimum of 12U and minimum depth of 19”.

Is there a wireless preference?

On-premises controller, no cloud management. WiFi 6.

Is MPS going to be spending the entire amount awarded by E-Rate?

We plan on spending the entire C2 allotment in one purchase order.

Are you going to be replacing any cabling for wireless?

No, existing copper cabling will remain. Upgrading wireless only and upgrading fiber cabling to IDFs only.

Any maps done for optimal placement of wireless APs?

No keep the same locations. Working on new construction and may provide blueprints.

What size of UPS?

Rackable with 10 minute minimum runtime. Regular plug/120V.

APs are in classrooms?

Yes 1 per classroom. No hallway APs. We will provide a list of what is currently in place.

* Cherokee - 30
* Creek - 28
* ECC - 27
* Grant Foreman - 35
* Harris Jobe (whittier) - 18
* Irving - 31
* MHS A - 19
* MHS B - 26
* MHS C - 17
* MHS E - 17
* MHS G - 21
* MHS I - 10
* AR (Tony Goetz) - 19
* Pershing - 31
* RAA - 19
* Sadler - 28
* 78GA - 56
* Whittier (Tony Goetz) - 15

Are we planning on multi gig? Would be beneficial for AX

We are undecided at this time.

Is there a breakout of stacking switches for cables?

47 total stacked switches.

What kind of transceivers?

10gig no brand preference. For single mode fiber.

What will the access switches connect to?

Aruba CX 8325

CABLE DISTANCES:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | BFSA | Cherokee | Creek | ECC | GF | Irving | Pershing | Sadler | WHIT | Racks |
| run 1 | 235 | 210 | 180 | 155 | 251 | 155 | 180 | 150 | 235 | 28 wall mount |
| run 2 | 170 | 200 | 180 | 55 | 55 | 55 | 180 | 150 |  | 9 standing |
| run 3 | 110 | 260 | 80 | 140 | 140 | 140 | 80 |  |  |  |
| run 4 | 75 |  |  | 250 |  |  |  |  |  |  |
| run 5 | 160 |  |  |  |  |  |  |  |  |  |
| run 6 | 300 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Totals | 1050 | 670 | 440 | 600 | 446 | 350 | 440 | 300 | 235 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Total | 4531 |  |  |  |  |  |  |  |  |  |