

Vendor Walkthrough Questions

1. **Who will be responsible for the installation of ladder rack and cable tray?**
Low voltage contractor will be responsible for the installation of ladder rack and cable tray
2. **Who is responsible for wall penetrations into all spaces?**
The electrical contractor will be responsible for conduit and stub ups. Low-voltage will be responsible for the installation of any penetrations with conduit (including safety ring) or EZ-Path.
3. **What is the composition of the internal wall structure?**
The internal wall structure will be steel studs with sheetrock
4. **Will low voltage contractors be responsible for pulling and terminating intercom cable?**
Low voltage contractor will only be responsible for the pulling of the cable. No terminations
5. **How will the main services (internet) be brought into the building?**
They will be below grade (burial) in conduit. Routed between MDF and exterior hand hold
6. **What type of fiber will be brought into the building?**
The main service fiber will be single mode (SMF) into a provider device. Low-voltage contractor will install multi-mode (MMF) from service provider device to rackmount enclosure then patched to district switching devices.
7. **How many fiber strands will need to be terminated by low-voltage contractor?**
6 strand fiber
8. **Is there a preference of vendor for fiber equipment?**
Leviton preferred
9. **Will the contractor need to stay with the provided quantity of patch cables or only have to provide 1 cable per drop?**
Contractor will review the suggested materials list and provide the quantity and lengths of patch cables necessary to connect both the endpoint locations and at the MDF rack.
10. **What type of category cable is specified? (riser/plenum)**
All cable runs will be plenum grade cable
11. **Is there a defined path from fiber provider to the MDF? If not will the contractor be responsible for creating one?**
There is a defined below grade path from the service provider to the MDF. (below grade subterranean)
12. **Will the contractor need to provide additional cut sheets or white papers for bid?**
Cut-sheets for fiber materials will be required. If materials other than Leviton or Hubbell are to be provided, please include.
13. **Are the total for differing systems on the cable counts?**
Cable total columns are for all pulls of that type of cable
14. **Are the contractors responsible for installing access points?**
No
15. **Will the general contractor provide lifts for use?**
We are unsure of the availability of lifts. There are usually lifts on site that belong to the GC. We would suggest asking to borrow.
16. **Where is the site location?**
North East of the Neosho Junior High
17. **Are there any strict deadlines that the low voltage contractor will be required to adhere to?**
Only a tentative completion date of December 2024 to January 2025
18. **Has all low voltage been removed from the General construction bid?**
Yes, all low voltage items have been removed besides boxes and stub ups.

19. What is the height of the open area spaces? (Lobby, Shop and Livestock)
*Lobby/Livestock are TBD based on the PEMB shops... but right now the low eave height is 20 FT and ridge is 30 FT (this doesn't take into account the depth of the main frames).
*Shop is also TBD based on the PEMB shops... but right now the low eave height is 15 FT and ridge is 20 FT (this doesn't take into account the depth of the main frames).
20. In rooms without drop ceiling (Lobby, Livestock and Shop), how will the cables need to be ran?
They will need to install conduit... the beams will be painted but we would want to run the conduit between the purlins (above the beams) to hide the conduit as much as possible. We may not have to paint them if we can hide them effectively
21. Are J hooks required in runs from the cable tray to endpoints?
Yes. All cables outside of the tray need to be supported. Industry standards are to be followed.
22. Does the cable tray need to be grounded?
No, but the data rack will need to be.
23. Will the electrical contractor be providing a grounding bus bar?
No. The low voltage contractor will be responsible for data rack grounding
24. Will there need to be two cable runs to each access point?
No, just 1 cat6A to each access point
25. Do you have a footage for required for cable tray?
The overall length of the main hallway is approximately 222 FT.
The length of the corridor between IT and Lobby is approximately 40 FT.
See drawing on page 3
26. Is the 18-4 cable tray outside of the MDF accurate? (the print shows two different sizes on the split prints)
Please use 12-4 basket for all cable tray
27. Will the category cable be the same color?
Blue will be required in all locations except for access points will be orange cat6A. Keystone and patch cables will be color coded.
28. What color will the exposed beams be?
TBD
29. Who is the Electrical contractor?
Norbury Electric

