



## RFB for Security Camera System Addition Wentzville R-IV School District

RFB-T-JAN1918-56

Release Date **January 19, 2018**

### **Addendum:**

#### **What are the heights of the cameras for the outside of the buildings?**

The outside camera heights shall be between 10-15 feet on the building.

#### **Will there be 120 amp power on the Parking Lot Light Poles?**

Cameras in the parking lots (mounted on the light poles) have been removed from the bid, please do not bid them out.

#### **Where are the locations for the IDF and MDF in each of the building locations?**

We have updated the building maps to include the locations of the MDF and IDF locations (they are marked with a red dot and circle).

##### Color Icon Key:

Red Circle and Dot - MDF / IDF

Purple/Maroon - Outdoor Camera

Green - Indoor Camera

Pink/Purple - 360 Camera or PTZ Camera (will specify on map/spreadsheet)

#### **Can you please confirm on type of cameras?**

On the spreadsheet and map the following cameras are referenced:

Spreadsheet/Map: Camera                      Camera Spec: WV-S2511N

Spreadsheet/Map: PTZ Camera                Camera Spec: WV-SW397B

Spreadsheet/Map: 360 Camera                Camera Spec: WV-SW458MA

#### **Do we need to provide networking / CAT6 to the press box at Holt High School?**

Yes, you will need to include networking from the refreshment stand where the IDF will be located to the press box.

#### **Can you please verify the fiber type for Holt High School Athletic complex (and Liberty)?**

The fiber type is 50 Micron Single mode. Superior Essex 110063D01 (Outdoor) and Superior Essex 44006x101 (Indoor, for the "x", please use what is best for scope of work). Fiber cannot be spliced.

If outdoor and indoor plant is used, terminations must be made into Leviton wall mount box (5WSML-02C) utilizing bulk heads (Leviton 5F100-6LC).

**Can you verify the camera locations at Support Services?**

The map now clarifies the location of the cameras at Support Services in the storage areas.

**Can you please specify the mount to the PTZ cameras at Transportation?**

The mount shall be WV-Q122SA (Outdoor Wall Mount Bracket).

**Can you please provide clarification of the fiber and rack at the Timberland (THS) Athletic complex?**

The fiber will need to extend from the entry point at the Athletic complex to the next room over where the IDF will be located.

**Will cameras need to be ran to the other building at the athletic complex?**

No, please verify on the map, the locations are updated.

**Where does the fiber need to be ran at Liberty (LHS)?**

The fiber will need to be ran from the MDF (located next to the front office) to the football field.

**What type of Innerduct needs to be ran at LHS?**

The Innerduct needs to be a 2" Innerduct.

**Does the fiber and network rack need to be bid separately?**

No, the fiber and network rack can be bid out as one unit/line item for the high schools (please make note, if you do).

**Can you please verify the fiber type for Liberty High School Athletic complex?**

The fiber type is 50 Micron Single mode.

Superior Essex 110063D01 (Outdoor) and Superior Essex 44006x101 (Indoor, for the "x", please use what is best for scope of work).

Fiber cannot be spliced. If outdoor and indoor plant is used, terminations must be made into Leviton wall mount box (5WSML-02C) utilizing bulk heads (Leviton 5F100-6LC).

**Do the cameras need to be ran to the other location?**

No, the cameras have been corrected, see new map.

**Does the fiber need to be armored fiber?**

No, the fiber specification is correct in the RFP, ONFP, plenum.

**In any warehouse or building does the cable need to be in enclosed?**

Any exposed cable will need to be enclosed. Cable above the ceiling grid does not need to be to enclosed. ie - In the warehouse, the cables will need to be ran in some type of enclosure (ie - raceway, conduit, etc)?

**Will the use of conduit sleeves be required when penetrating above ceiling block and drywall partitions?**

Yes, any time there is new penetration through a wall, brick, etc, a pathway must be installed (ie - conduit, EZ-Path).

**Is a wall swing-out rack required for all Concession or Maintenance Areas?**

The rack spec is listed in the RFP (Chatsworth Cabinet - 12419-724). It must be "As equal" or better.

**What type of fiber connectors are required at each switch?**

SC. Multimode, unless specified Liberty HS or Holt HS, which is Single mode.

**Section 8 of the specs state that the WSD will provide the necessary Leviton Jacks and Patch Panels. Yet further in Section 8 and in Section 10, it lists the Jacks and Patch Panels in the parts list and in Section 11 it states that the contractor is to supply these materials. Please clarify if all jacks and patch panels are to be provided by the WSD.**

Patch panels are not needed for inside the building, this is provided by the district. Leviton jacks will be provided by the vendor when terminated in the MDF/IDF. One patch panel (Leviton Flat QuickPort® Patch Panels 49255-H48) is required for each of the network cabinets at each of the high school athletic complexes.

**The cable length of the locations within the Auditorium and outside the Auditorium at Timberland HS might exceed the 90m distance required in Section 11 of the specs. Are these locations going to be granted an exception to the requirement?**

The far corner camera has been removed due to distance exceeding 300 ft.

**Section 9 of the specs state that acceptable parts list to be used with the installation are "Aruba Networks Wireless System." Can you elaborate on specific parts that are to be used, or that are allowed? Can you provide more clarification on the desired components?**

This wireless cameras have been removed from the bid. Please disregard section 9.

**What will be the projects start/completion date?**

The project will begin in April (once approved by the board). We will work directly with the selected vendor on when the project can completed in a timely manner. Must be completed by August 1.

**Does the district have intentions of proposing any fines for work not complete by their intended completion date?**

No, we will not propose any fines if not completed by the specified date.

**Will the district require a structured cabling warranty on the installed cabling and fiber?**

Leviton Certification provides warranty to material and workmanship. Additional warranty is not required.

**Will there be any restrictions on the use of platform lifts within any of the buildings?**

There will not be any restriction on the use of platform lifts.

**Can the district provide life safety drawings for the various schools defining if there will be penetrations to fire walls?**

The district will provide additional maps with fire walls.

**If fire walls do exist and are required to be penetrated, does the district have a policy on how the penetrations are to be resealed?**

Must sealed per the NFPA code.

**Will the contractor have access to the buildings on days other than weekends when school is not in session.**

The contractor will only have access to the buildings during building hours. Arrangements may be made with the Technology Department to work earlier or later during building hours.

**For the underground conduit to be installed at Holt and Liberty, does the district have a desired trade size to be installed? Will these underground conduits require any sort of inner duct?**

At Holt, 2" meets the need of the run. At Liberty, a minimum of a 2" conduit will be required, but shall not exceed a 4" conduit. The underground conduits will not require any inner duct.

**During the walk thru surge protectors were requested to be installed on the outdoor cabling will they be required on both ends? Are the protectors only for the camera to be installed at the football fields?**

Buried copper must be surge protected at both ends at the point of entry into the building. OSP Broadband Cat6 BBD6 (04-001-68) should be used for required material.

**Surge protectors require grounding to be functional, is the contractor responsible for the grounding or will it be provided by the district?**

Contractor is responsible for the grounding.

**Is the fiber specified to be the fiber used for all installs requiring it?**

Yes, the specific fiber shall be required for the install. The fiber type is 50 Micron Single mode for Liberty and Holt High School (Superior Essex 110063D01 (Outdoor) and Superior Essex 44006x101 (Indoor, for the "x", please use what is best for scope of work)). Fiber cannot be spliced. If outdoor and indoor plant is used, terminations must be made into Leviton wall mount box (5WSML-02C) utilizing bulk heads (Leviton 5F100-6LC).

**For the creek crossing at Liberty, I believe that this would have to be authorized between the protective entity and the district as it is a district project tying together two district properties. Please advise**

Due to restrictions, the fiber conduit may not be ran underneath the creek. The conduit must be ran on the bridge. There are mitigation signs in the creek location where the conduit must be above the ground.

**For the outdoor underground work will the contractor be responsible for sodding and reseeding?**

Yes, the contractor will need to reseed, but does not to sod area.

**Can the district provide the sign in sheet from the walk thru?**

Will be sent with the addendum.

**For the underground work will the district be able to provide as built drawings and or locates for other services that are buried on the property? i.e. Sewer, secondary power/lighting circuits.**

Contractor will need to coordinate all locates through 1-800-DIG-RITE.

**The route between Liberty High and the football field will require at least one buried pull box will that be acceptable?**

Yes, pull boxes are acceptable.

**Do you want a trace wire at Liberty High School to the Athletic Complex?**

Yes, please include a trace wire.