**Soule Rd School (Grades 4-5) 300 Soule Road, Wilbraham, MA 01095**

**Replace Network Switches (MDF and IDF)**

Cisco Catalyst switches or equivalent are needed. Cisco switches will be connected to an existing Cisco 9410R core switch that is hosted on premise in the core datacenter for the school district.

If proposing an alternative Cisco Catalyst switch model, the specifications must be fully equivalent to or exceed those of the model listed in the table below. All RJ45 ports must support UPOE+ or higher and multigigabit speeds. Pricing should include a five-year Cisco DNA Advantage subscription.

**Installation for switches is not needed and will be handled in house.**

| QTY | Model | Description |
|---|---|---|
| 4 | C9300X-48HX-EDU or equivalent | CATALYST 9300 48-PORT MGIG UPOE+, NK12 or equivalent |
| 4 | C9300-DNA-A-48-5Y or equivalent | C9300 DNA ADVANTAGE, 48-PORT, 5 YEAR TERM LICENSE or equivalent |
| 1 | C9300X-24HX-EDU or equivalent | CATALYST 9300 24-PORT MGIG UPOE+, NK12 or equivalent |
| 1 | C9300-DNA-A-24-5Y or equivalent | C9300 DNA ADVANTAGE, 24-PORT, 5 YEAR TERM LICENSE or equivalent |
| 2 | C9300X-NM-8Y= or equivalent | Catalyst 9300 8 x 25G/10G/1G multi-rate SFP Network Module or equivalent |
| 2 | SFP-10/25G-LR-S= or equivalent | 10/25GBASE-LR SFP28 Module for SMF or equivalent |
| 2 | SFP-10/25G-CSR-S or equivalent | 10/25GBASE-CSR SFP28 Module for MMF or equivalent |
| 4 | STACK-T1-1M= or equivalent | Cisco StackWise-480/1T 1m stacking cable spare (3.28 feet) 39.37 inches or equivalent |
| 4 | CAB-SPWR-150CM= or equivalent | CATALYST STACK POWER CABLE 150 CM SPARE (4.92 feet) 59 inches or equivalent |
| **Patch Cables** | | |
| **QTY** | **Model** | **Description** |
| 200 | AT1606-BU or equivalent | Allen Tel Cat 6 10Gb Patch Cable, 6 ft., Blue or equivalent |
| 50 | AT1604-BU or equivalent | Allen Tel Cat 6 10Gb Patch Cable, 4 ft., Blue or equivalent |

**Minnechaug Regional HS (Grades 9-12)  621 Main St, Wilbraham, MA 01095**

**Replace Network Switches (IDF D130)**

Cisco Catalyst switches or equivalent are preferred. Switches will be connected to an existing Cisco 9410R core switch that is hosted on premise in the core datacenter for the school district.

If proposing an alternative Cisco Catalyst switch model, the specifications must be fully equivalent to or exceed those of the model listed in the table below. All RJ45 ports must support UPOE+ or higher and multigigabit speeds. Pricing should include a five-year Cisco DNA Advantage subscription.

**Installation for switches is not needed and will be handled in house.**

| QTY | Model | Description |
|---|---|---|
| 4 | C9300X-48HX-EDU or equivalent | CATALYST 9300 48-PORT MGIG UPOE+, NK12 or equivalent |
| 4 | C9300-DNA-A-48-5Y or equivalent | C9300 DNA ADVANTAGE, 48-PORT, 5 YEAR TERM LICENSE or equivalent |
| 1 | C9300X-24HX-EDU or equivalent | CATALYST 9300 24-PORT MGIG UPOE+, NK12 or equivalent |
| 1 | C9300-DNA-A-24-5Y or equivalent | C9300 DNA ADVANTAGE, 24-PORT, 5 YEAR TERM LICENSE or equivalent |
| 3 | C9300X-NM-8Y= or equivalent | Catalyst 9300 8 x 25G/10G/1G multi-rate SFP Network Module or equivalent |
| 6 | SFP-10/25G-CSR-S or equivalent | 10/25GBASE-CSR SFP28 Module for MMF or equivalent |
| 3 | STACK-T1-50CM= or equivalent | Cisco StackWise-480/1T 50cm stacking cable spare (1.64 feet) 19.7 inches or equivalent |
| 3 | CAB-SPWR-30CM= or equivalent | CATALYST STACK POWER CABLE 30 CM (.984 feet) 11.81 inches or equivalent |
| **Patch Cables** | | |
| **QTY** | **Model** | **Description** |
| 75 | ATG1007-BU or equivalent | Allen Tel Cat 6A 10Gb Patch Cable, 7 ft., Blue or equivalent |
| 150 | ATG1006-BU or equivalent | Allen Tel Cat 6A 10Gb Patch Cable, 6 ft., Blue or equivalent |

**Minnechaug Regional HS (Grades 9-12)  621 Main St, Wilbraham, MA 01095**

**Replace Network Switches (IDF B218)**

Cisco Catalyst switches or equivalent are preferred. Switches will be connected to an existing Cisco 9410R core switch that is hosted on premise in the core datacenter for the school district.

If proposing an alternative Cisco Catalyst switch model, the specifications must be fully equivalent to or exceed those of the model listed in the table below. All RJ45 ports must support UPOE+ or higher and multigigabit speeds. Pricing should include a five-year Cisco DNA Advantage subscription.

**Installation for switches is not needed and will be handled in house.**

| QTY | Model | Description |
|---|---|---|
| 8 | C9300X-48HX-EDU or equivalent | CATALYST 9300 48-PORT MGIG UPOE+, NK12 or equivalent |
| 8 | C9300-DNA-A-48-5Y or equivalent | C9300 DNA ADVANTAGE, 48-PORT, 5 YEAR TERM LICENSE or equivalent |
| 3 | C9300X-NM-8Y= or equivalent | Catalyst 9300 8 x 25G/10G/1G multi-rate SFP Network Module or equivalent |
| 6 | SFP-10/25G-CSR-S or equivalent | 10/25GBASE-CSR SFP28 Module for MMF or equivalent |
| 8 | STACK-T1-50CM= or equivalent | Cisco StackWise-480/1T 50cm stacking cable spare (1.64 feet) 19.7 inches or equivalent |
| 8 | CAB-SPWR-30CM= or equivalent | CATALYST STACK POWER CABLE 30 CM (.984 feet) 11.81 inches or equivalent |
| **Patch Cables** | | |
| **QTY** | **Model** | **Description** |
| 175 | ATG1005-BU or equivalent | Allen Tel Cat 6A 10Gb Patch Cable, 5 ft., Blue or equivalent |
| 175 | ATG1007-BU or equivalent | Allen Tel Cat 6A 10Gb Patch Cable, 7 ft., Blue or equivalent |