

2017 Beaver Creek City Schools Internal Network RFP

General Terms and Conditions

1. Awards will be made in the best interest of the Beaver Creek City School District.
 2. Beaver Creek City Schools may accept or reject any bid, in part or in whole.
 3. All quotations are governed by Ohio State Law.
 4. All services performed or goods delivered under Beaver Creek City School District purchase orders/contracts are to be continued for the term of the purchase order/contracts, contingent upon funds being appropriated by the legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this purchase order/contract becomes void and of no effect after June 30, 2017.
 5. Payment may only be made after the delivery and acceptance of goods or services.
 6. The Beaver Creek City School District is exempt from Federal and State taxes and will not pay or reimburse such taxes.
 7. The laws of the State of Ohio shall govern all rights and duties under the contract, including without limitation the validity of this purchase order/contract.
 8. Any reference to automatic renewal is hereby deleted. The contract may be renewed only upon mutual written agreement of the parties.
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Instructions to Bidders

1. Proposals are to be received via email at mike.shuman@beavercreek.k12.oh.us.
2. Proposals are due by March 10, 2017.
3. Any and all proposals may be rejected if there is a sound documented reason.
4. An approved purchase order is required before the merchandise or service is ordered.
5. Items offered must be in compliance with the specifications outlined in this RFP. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as "equal to" the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the proposal. Beaver Creek City Schools may waive minor deviations to specifications.
6. In case of discrepancy, unit prices shall prevail.
7. The vendor must clearly instruct on the proposal document if the vendor wishes to have the payment sent to a different "remit to" address other than the address on this document.

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Scope of Work

Beavercreek City School District is soliciting a Request for Proposal for the purchase, configuration and installation of building network equipment and fiber links between closets. The Beavercreek City School District reserves the right to modify the project as it deems necessary. This RFP and the winning bidder's response shall become an integral part of the resultant contract. Parts of this long-term project have been completed in some of the district buildings, and the proposals must match the configurations already in place. The proposal must include all costs associated with the project.

Any questions related to the technical aspects of this document should be directed to Mike Shuman at mike.shuman@beavercreek.k12.oh.us.

- Beavercreek City School District will select the most cost effective, most qualified, and most responsive and responsible bidder(s) when making the award. The evaluation of each proposal will have the heaviest weight assigned to price (45%), (complete installation costs, all other one-time costs, and monthly recurring costs for a period of the contract duration). Evaluation will also be based on prior experience of Beavercreek City School District with the respondent, technical capability and quality of work performed in other networks, qualification of personnel, and environmental factors (35%). Additionally, the evaluation will be based on the ability of the vendor to provide a turn-key solution (20%)
- The winning vendor will be required to have or be willing to obtain a SPIN number before the start of the project. The winning vendor will be required to comply with all applicable E-rate rules and regulations.

Part 1 - Two Buildings – Full Network Replacement

This part of the project requires removing and replacing all current network equipment, UPSs, and installation of new 12 strand fiber connections (SC) between each IDF and the MDF. The configuration will be all chassis systems and match the setup we have used in the buildings that have already been completed.

- **Main Elementary School** - 2942 Dayton-Xenia Road Beavercreek, OH 45434
 - Every Closet
 - Fiber and copper patch cords for each switch port
 - (2) UPS – HP Eaton 5PX 1500VA GPH-LCD RK/TWR 2U 120v w/ Network
 - Fiber runs are OM3 and include trays/boxes, splicing, testing, labeling
 - Full turn-key installation of equipment and all current data and voice services
 - HP IMC licenses
 - MDF
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (1) 20 Gb PoE+/4SFP+
 - (1) 24 Gb PoE+
 - (6) X132 10G SFP+ LC SR Transceivers

- Dual power supplies
 - IDF 1
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (4) 24 Gb PoE+
 - (2) X132 10G SFP+ LC SR Transceivers
 - Dual power supplies
 - IDF 2
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (4) 24 Gb PoE+
 - (2) X132 10G SFP+ LC SR Transceivers
 - Dual power supplies
 - IDF 3
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (2) X132 10G SFP+ LC SR Transceivers
 - Dual power supplies
- **Fairbrook Elementary School** - 260 North Fairfield Road Beavercreek, OH 45430
 - Every Closet
 - Fiber and copper patch cords for each switch port
 - (2) UPS – HP Eaton 5PX 1500VA GPH-LCD RK/TWR 2U 120v w/ Network
 - Fiber runs are OM3 and include trays/boxes, splicing, testing, labeling
 - Full turn-key installation of equipment and all current data and voice services
 - HP IMC licenses
 - MDF
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (1) 20 Gb PoE+/4SFP+
 - (1) 24 Gb PoE+
 - (6) X132 10G SFP+ LC SR Transceivers
 - Dual power supplies
 - IDF 1
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (4) 24 Gb PoE+
 - (2) X132 10G SFP+ LC SR Transceivers
 - Dual power supplies
 - IDF 2
 - HP Aruba 5406R
 - (1) 44 Gb PoE+/4SFP+
 - (4) 24 Gb PoE+
 - (2) X132 10G SFP+ LC SR Transceivers
 - Dual power supplies

Part 2 – BHS (Beavercreek High School) Core Additional Equipment and Routing Re-Configuration

- Equipment
 - (1) HP Aruba 5406R
 - Attach to current HP5412 switch – 10GB
 - (2) 10GB SFP+ Transceivers
 - Move all current copper port cards from existing HP5412 switch to new switch
 - (1) Additional 10GB card for existing HP5412 switch
- Configure current HP5400 series switch to handle all routing
 - Setup to run OSPF
 - Remove Cisco 7606 router
- Reconfigure existing Cisco 6500 series switch
 - To be used only for Call Manager DSPs and PRIs
 - Remove all routing
 - Convert to L2 switch
- Remove Cisco 2800 routers in each building and the Cisco 3800 at BHS and reconfigure switches to handle routing
 - All L3 switches to use OSPF
 - Setup local multicast
 - Setup IGMP snooping
 - Check/configure spanning tree, BPDU protection and loop guard on all edge switches
 - Buildings:
 - Ankeney Middle School – 4085 Shakertown Road Beavercreek, OH 45430
 - Coy Middle School – 1786 Dayton-Xenia Road Xenia, OH 45385
 - Fairbrook Elementary – (Part of first project in RFP)
 - Main Elementary – (Part of first project in RFP)
 - Parkwood Elementary – 1791 Wilene Drive Beavercreek, OH 45432
 - Shaw Elementary – 3560 Kemp Road Beavercreek, OH 45431
 - Valley Elementary – 3601 Jonathon Drive Beavercreek, OH 45434
 - Beavercreek Board of Education – 3040 Kemp Road Beavercreek, OH 45431