

Project Owner:	Trenton Public Schools
Project Name:	District Technology Renovations
Issue Date:	December 21, 2023

ADDENDUM NO. 1

This Addendum No. 1 of the Technology Request for Bid for the above referenced project hereby amends, supplements and/or augments all prior issued document(s) as described herein, and becomes an inseparable part of the Contract Documents, superseding all previous, contrary and/or conflicting information.

AD1 - 1	Appendix C is hereby revised, reissued and attached hereto.
AD1 - 2	<p>Section 27 21 19 3.02 I is hereby revised as follows:</p> <p>I. Sites of Work:</p> <ol style="list-style-type: none"> 1. Hedke Elementary 3201 Marian Drive Trenton, Michigan 48183 2. Trenton High School 2601 Charlton Road Trenton, Michigan 48183 3. Arthurs Middle School 4000 Marian Drive Trenton, Michigan 48183 4. Anderson Elementary 2600 Harrison Avenue Trenton, Michigan 48183
AD1 - 3	Section 27 21 19 2.11 is hereby removed.
AD1 - 3	Section 27 21 19 2.10 is hereby revised as follows:

Bid ID: 3025	Communications by Design, Inc.
Addendum #1 Issued: January 16, 2024	Proprietary Information – All Rights Reserved

2.10 DEVICE DISTRIBUTION SWITCHES

A. Stackable Device Distribution Switches shall be provided in locations identified on Appendix C. Quantity shall be referenced on Appendix C. Switches shall be installed to facilitate cross connection of all station cables in the district connecting network devices.

B. Switches shall replace and expand upon the variety of existing device distribution switches currently deployed across the district.

C. Switch shall be complete with associated optics, stacking cables and options for a fully functional and operation system.

D. Switches provided shall meet or exceed the following:

1. Twenty-Four (24) 10/100/1000 UTP Ethernet ports.
2. Twenty-Four (24) 10GB Ethernet SFP+ based port per stack.
3. Adequate stacking cables and/or ports to facilitate configuration of stack with no more than 384 ports per stack and as described in associated appendices and described herein.
4. Switches shall be stackable and support 384 ports per stack with a single IP address
5. Switches shall support uplink trunking across the stack
6. IEEE 802.1p QoS with 4 queues per port.
7. SNMPv1/v2c/v3
8. 802.1X and Protocol based VLAN support.
9. IEEE 802.3ad Link Aggregation (LACP).
10. Broadcast, Unicast and Multicast traffic suppression.
11. IGMP Snooping
12. DHCP Helper
13. IEEE 802.1X Port Based Network Access Control
14. Power over Ethernet Plus (PoE+)

	<p>a. All Device Distribution switches provided shall be 802.3at PoE+ compliant.</p> <p>b. Each switch shall have a PoE power budget of 720 Watts with a single power supply and be upgradable to a total power budget of 1440 Watts in the future with the addition of a second power supply.</p> <p>15. Contractors shall supply all cables (excepting SMF patch cords provided by others as described herein), optics, licensing and labor to enable two (2) 10Gbe connections to all device distribution stacks.</p>
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END OF ADDENDUM NO. 1

Appendix C revised per Addendum #1 issued 1/15/2024

NETWORK SWITCHES	Quantity
Hedke Elementary School	
MDF	1
Anderson Elementary School	
MDF	1
Arthurs Middle School	
MDF	1
Trenton High School	
MDF	2
DEVICE DISTRIBUTION SWITCHES	Quantity
Hedke Elementary School	
MDF	6
IDF B	4
GYM IDF	1
Total	11
Arthurs Middle School	
MDF	7
IDF 1	3
IDF 2	3
GYM IDF	1
Total	14
Trenton High School	
MDF	3
Total	3
Anderson Elementary School	
MDF	9
IDF 1	3
Total	12