Huntington School District — Master Infrastructure Consolidated Bill of Materials

Project Title: District-Wide Network Switch & Power Infrastructure Modernization
Scope: Master Procurement Summary across all 8 School Locations
Target Platform: Cisco Catalyst 9350 Generation Architecture & High-Availability Dual APC Smart-UPS Floor Power Strategy
Document Type: Master Purchasing Summary

***As per E-Rate rules, bids will be accepted for equivalent solutions. Offers containing alternative makes/models are required to submit product specifications and documentation to establish that the equipment is equivalent to the requested solution. The applicant will be the arbiter of whether the proposed solution is functionally and technically equivalent to the requested solution.**

1. Master District-Wide Consolidated Purchasing Summary

Category	Part Number	Item Description	Total District Qty
Switch Hardware	**C9350-48P-A**	Cisco C9350 48-Port PoE+, Network Advantage (Latest Generation)	96
Power Modules	**PWR-C2-1600WAC-I**	1600W AC Titanium Power Supply Module (Dual PSUs per switch member)	192
Uplink Modules	**C9350-NM-8X**	Catalyst 9350 8-Port 10G Network Module	34
Stack Cables	**STACK-T1-50CM**	Cisco StackWise-480 50CM Stacking Cable	85
Optics (Single-Mode)	**SFP-10G-LR**	10GBASE-LR SFP+ Transceiver (Single-Mode SMF WAN Uplinks)	7
Optics (Multi-Mode)	**SFP-10G-SR**	10GBASE-SR SFP+	28

Category	Part Number	Item Description	Total District Qty
		Transceiver (Multi-Mode MMF Internal Uplinks)	
Direct Attach Cables	**SFP-H10GB-CU3M**	10GBASE-CU SFP+ Direct Attach Copper Cable (3m)	11
Software Subscription	**C9350-DNA-E-48-3Y**	Cisco Catalyst Software Essentials 48-Port (3-Year Subscription)	96
Hardware Support	**CON-SNT-C935048P**	Cisco Smart Net Total Care 8x5xNBD Hardware Support (5-Year Coverage)	96
UPS Battery Backup	**SMT1500C**	APC Smart-UPS 1500VA Tower LCD 120V with SmartConnect (Floor Non-Rackmount)	28
UPS Battery Backup	**SMT2200C**	APC Smart-UPS 2200VA Tower LCD 120V with SmartConnect (Floor Non-Rackmount)	13
UPS Battery Backup	**SMT3000C**	APC Smart-UPS 3000VA Tower LCD 120V with SmartConnect (Floor Non-Rackmount)	6
Cat 6 – 6” Inch Patch Cable			2500
Cat 6 24 port Patch Panel			40

2. School-by-School Breakdown Matrix

School Location	Switches (C9350-48P-A)	PSUs (1600W)	NM-8X	Stack Cables	10G-LR	10G-SR	DAC Cables	1500VA UPS (SMT1500C)	2200VA UPS (SMT2200C)	3000VA UPS (SMT3000C)
Finley Middle School	15	30	5	14	1	3	1	4	4	0
Flower Hill Primary	6	12	3	5	1	2	1	3	0	0
Huntington High School	28	56	8	26	0	7	3	8	4	2
Jack Abrams STEM Magnet	17	34	6	15	1	8	1	4	4	2
Jefferson Primary	7	14	3	6	1	2	1	2	1	0
Southdown Primary	6	12	3	5	1	2	1	4	0	0
Washington Primary	7	14	3	6	1	2	1	3	0	0
Woodhull Intermediate	10	20	3	8	1	2	2	0	0	2
DISTRICT GRAND TOTALS	**96**	**192**	**34**	**85**	**7**	**28**	**11**	**28**	**13**	**6**