

2014 - 2015 CAPITAL OUTLAY REQUEST - IDENTIFIED AND EMERGING PROJECTS - RANKED

3-Jun-14

School	Item	Amount
Walter Bickett Elementary	a. Classroom A/R (Increase CR capacity to 804, add'l Resource and tutoring spaces needed. Teacher Workroom has been converted to a classroom) (Ref. # 13) (Est. based on 6,000 s.f. @ \$170/s.f. for new CR's, 4 itinerant offices/tutoring space @ 400 s.f. @ \$170/s.f., Teacher Workroom @ 400 sf. @ \$190/s.f.)	1,876,000
Walter Bickett Elementary	c. Exterior Doors (Change single ext. door to dbl door @ bus lot to dining area). (Ref. # 42) (Est. based on 200 s.f. renovated @ \$120/s.f.)	26,400
Walter Bickett Elementary	f. Enlarge kitchen to accommodate larger walk-in cooler and freezer. (Ref. # 15) (Est. based on 200 s.f. @ \$150/s.f.)	33,000
Walter Bickett Elementary	a. Drainage Issues at Mobile Units (Ref. # 33)	16,500
Rock Rest	Classroom A/R (Increase CR capacity to 804, add'l Resource and tutoring spaces needed.	1,951,000
Benton Heights	Install new fire alarm to meet current code	57,000
Parkwood Middle	f. Replace fire suppression system piping in Kitchen (Ref. HVAC Pg. 11)	2,200
Parkwood High	Install new fire alarm to meet current code	57,000
Union	Install new fire alarm to meet current code	55,000
East	Install new fire alarm to meet current code	51,250
East Union	Install new fire alarm to meet current code	57,000
Hemby Bridge	Install new fire alarm to meet current code	55,000
Cosmetology	Install new fire alarm to meet current code	35,000
Facilities	Install new fire alarm to meet current code	42,500
Old Fairview	Install new fire alarm to meet current code	57,000
Piedmont High	Install new security system	19,000
Old Fairview	Install new security system	17,000
Monroe High	Combine security system into one unit - Bosch	15,000
East Union	Install new security system	17,000
Cosmetology	Install new security system	15,000
Stallings	For added safety and security, additional blinds are needed in cafeteria	7,000
Sun Valley Middle	Install new security system	17,000
Walter Bickett Ed	Add security keypad in gym and C building	5,000
Sun Valley Middle	c. Administration A/R (Note: Recommend reconstructing Administration at front of school and incorporate secure vestibule to route visitors through office) (Needs identified: Add conference room, ADA compliant front reception counter, fire-rated student file room, Health Room, BEH Office, teacher workroom, built in storage.) (Ref. # 16, # 17 # 50c)	838,200
Sun Valley Middle	e. Media Center A/R (Expand existing Media & Support Areas into current Administrative Area, update furniture/shelving to current standards, replace circulation desk) (Ref. # 14a, 14b)	296,142
Sun Valley Middle	Replace ceiling tile and grid in main halls and band room	350,000
Piedmont Middle	b. Administration / Guidance Addition (Note: Recommend reconstructing Administration at front of school and incorporate secure vestibule to route visitors through office) (Needs identified: no current reception counter in admin., add storage, add conference, add student file room, add Health Room, add guidance offices and classroom, 4 itinerant offices.) (Ref. # 16, # 17, # 26)	831,600
Piedmont Middle	d. Media Center A/R (Expand existing Media & Support Areas into current Administrative Area) (Ref. # 14)	286,352
Piedmont Middle	Address ADA issues in locker rooms	322,264
Piedmont Middle	New Lockers for boys and girl locker rooms	15,000
Piedmont Middle	New bleachers for gym	85,000
Parkwood Middle	Update lay-in ceiling with 2 x 2 grid/tiles main hallway	350,000

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School	Item	Amount
Piedmont High	b. Lighting Replacement (Most of the fluorescent lighting is old and in poor condition primarily in the orig. bldg. Lighting levels in many areas are below State Recommendation. Exterior lighting is insufficient in some areas. Auditorium (arch & stage) and Aux. Gym lighting needs to be upgraded. Replace cords on Stadium lighting. Add emergency lighting to all athletic fields) (Ref page 14, 15, 16)	357,500
Piedmont High	b. Auditorium A/R (Technology Improvements for 21st Century, acoustics, stage curtains, replace seating, address ADA issues, replace lighting and sound system) (Ref # 21, 48b, and Pgs. 14/15/17)	110,829
Wolfe	Add vault with isolation valves for geothermal	80,000
Western Union	d. Gymnasium A/R (replace bleachers, add storage for P.E. and ASC, renovate lobby area) (Ref. # 19)	275,033
Western Union	Replace wooden exterior doors with FRP and hardware	90,000
Indian Trail	c. Toilet Rooms – ADA Issues (accessible doors, turning clearance, 5x5 stall, water closets/urinals, lavatories) (Ref. Toilet Rooms Pg. 8, 9)	153,393
East Union	b. Ceiling (Ref. #53c)	268,620
East Union	e. Door Replacement (Ref # 44d)	40,150
Benton Heights	Repair ceiling/roof in foyer-skylight	65,000
Benton Heights	Renovate green room in the essentials building	30,000
Benton Heights	Add an industrial sink in art room	1,000
Forest Hills	finish window replacement	175,000
Forest Hills	b. Upgrade Auditorium Lighting - Stage and Seating, Technology Upgrade for 21st Century Presentations) (Ref # 20 & Pg. 15)	107,250
Forest Hills	e. Canopies (courtyards, bus lot & new gym) (Ref # 28)	243,694
Indian Trail	Replace water and sewer line feeding school	32,000
Indian Trail	Replace galvanized water piping	46,500
Indian Trail	a. Playground upgrade/replacement (Ref # 30)	35,970
Indian Trail	g. Walkway canopies (Ref # 28)	119,182
Marshville	rework dumpster area, add sidewalk for easy access or dock style to load from top	35,000
Marshville	c. Lighting Upgrades/Replacement (Ref. Lighting Pg. 11/12)	99,000
Monroe High	c. Flooring (Ref. # 51d)	147,994
Monroe Middle	Replace/renovate bleachers	75,000
Monroe Middle	d. Auditorium (Resembles small lecture hall, needs up fit to include technology improvements) (Ref # 21)	34,100
Piedmont High	c. Flooring (Ref. # 49d)	122,662
Piedmont High	Replace sidewalks that are broken/sunken concrete	35,000
Parkwood High	c. Flooring	110,000
Parkwood High	Replace stage lighting in auditorium	50,000
Parkwood High	Replace underground VC pipe at downspouts along with downspouts going to catch basins	165,000
Prospect	(phase 3) water re-pipe, tie in fixtures	140,000
Prospect	e. Toilet Rooms (Address accessible doors, 5x5 stalls & Gym RR's) (Ref. Toilet Rooms Pg. 9)	86,781
Sun Valley Middle	Install Grease Trap	52,000
Sun Valley High	Upgrade lighting for baseball and softball fields	278,000
Union	c. Flooring (Ref. # 49d)	133,750
Union	c. Replace piping to kitchen hood (Ref. HVAC Observations Pg. 10)	2,200
South Providence	Repair and pave parking lots	155,000
South Providence	Upgrade lighting	130,000
Unionville	d. Upgrade door hardware (Ref. 51c)	16,500
Hemby Bridge	Repave front entrance	95,000
Unionville	c. Flooring (CR Carpet, slip resistant tile for ramps) (Ref. #48d, 52)	51,982
Unionville	c. Lighting Upgrades / Additional (Replace T12 lamps with more efficient lighting) Exterior lighting is inadequate. (Ref. Lighting Pg. 12, 13)	137,500
Unionville	d. Replace Gymnasium Lighting (Ref. Lighting Pg. 13)	8,250
Wesley Chapel	a. Replace galvanized water piping in original building (Ref. Pg. 10)	160,000

2014 - 2015 CAPITAL OUTLAY REQUEST - IDENTIFIED AND EMERGING PROJECTS - RANKED

3-Jun-14

School	Item	Amount
Weddington High	Concrete sidewalk replacement- stadium area	58,942
Waxhaw	c. Flooring (Ref. #49d)	151,929
Waxhaw	d. Replace piping for Kitchen Hood to stainless steel (Ref. HVAC Pg. 9)	2,200
Walter Bickett Ed	Replace fencing around stadium	90,000
Unionville	Rewire intercom and CATV	24,000
East	e. Auditorium Technology (Provide internet access and video projector) (Ref. Data/Comm. Pg. 13)	18,150
Waxhaw	a. Painting (Ref. #48)	111,625
Wingate	a. Playground equipment should be upgraded to meet ADA (Ref # 29)	28,655
Marshville	a. Replace playground equipment (Ref. Outdoor Play # 29)	35,970
Hemby Bridge	Install fencing and curbing for playground area.	10,000
Union	replace all playground equipment to meet standard	120,000
CATA	Address interior and exterior ADA issues - CFS ref #55 and Pg. 8.	105,000
CATA	a. Gymnasium Security (Additional security doors needed to limit visitor access to school during after school events) (Ref. #19).	27,500
CATA	f. Administration/Faculty A/R (Teacher Planning Rooms (250 s.f.), Teacher Offices (100 s.f. 2-person cubicles - 12 sections = 600 s.f.), Itinerant Offices (100 s.f. each) and Administrative Workroom (400 s.f.) are needed) (Ref. # 16) (Est. based on avg. 2,000 s.f. new const. @ \$170)	374,000
Piedmont Middle	Rewire CATV throughout building	12,000
East Union	a. Gymnasium A/R (Ref. # 19, # 20 # 23))	2,968,979
	Total	16,549,197
	Annual Preventative Maintenance Needs - see previously submitted list	2,520,580
	Technology Capital - see previously submitted list	377,359
	Transportation Capital - see previously submitted list	84,444
	Grand Total	\$19,531,580

2014 - 2015 CAPITAL OUTLAY REQUEST - ANNUAL PREVENTATIVE MAINTENANCE NEEDS - RANKED

3-Jun-14

School	Item	Amount
Piedmont Middle	Storm water replacement to correct broken pipe feeding into sanitary sewer	175,000
Prospect	Replace flooring (ACBM)	252,415
Western Union	Replace flooring (ACBM)	241,699
Benton Heights	Replace flooring in North Hall	24,150
Sun Valley High	Replace VCT on math hall and classrooms	93,620
Various	Roofing maintenance for various sites	325,000
Sardis	Install new fire alarm to meet current code	55,000
Sardis	Install new intercom system	87,550
Monroe High	Sidewalks that are in need of repair/replacement	28,000
Monroe High	Repoint brick veneer, North Building	25,000
Wesley Chapel	Replace partitions and fixtures in restrooms	63,495
Sun Valley Middle	Replace partitions and fixtures in restrooms	65,000
South Providence	Replace partitions (2) restrooms	15,000
Prospect	Replace partitions in (4) restrooms	30,000
CATA	Replace partitions in (4) restrooms	30,000
Parkwood Middle	Replace bathroom partitions in old section of school and two locker rooms	100,000
Indian Trail	Replace D hall ceiling tile, grid, lighting, and cabinetry	63,000
Sun Valley High	Replace ceiling tile and grid in main halls and band room	28,492
Wesley Chapel	Replace ceiling tile and grid	26,412
Indian Trail	Electrical Upgrades: MDP replacement in C hall boiler room	51,230
Parkwood Middle	Replace wooden exterior doors to FRP and new hardware	70,000
Sun Valley High	Address drainage around school	22,000
Wesley Chapel	Provide adequate drainage in rear of school and around basketball court	26,475
Walter Bickett Ed	Upgrade lighting	120,000
Weddington		
Elementary	Replace playground fencing	18,500
Parkwood Middle	Pave teacher parking lot	95,000
Walter Bickett Ed	Resurface pavement concession side of stadium	50,000
Weddington		
Elementary	Resurface car rider area/staff parking	109,542
Forest Hills	Refurbish lockers	95,000
Monroe High	Refurbish lockers	80,000
Sun Valley High	Refurbish lockers	54,000
		2,520,580
	Grand Total	\$2,520,580



Technology Equipment Infrastructure Apparatus

Capital Requests

Disaster Recovery Site

Juniper Equipment

EX3300-48P EX3300-48P with 4 SFP+ 1/10G uplink ports (optics not included)
 Juniper Care Next Day Support for EX3300-48P
 SFP+ 10 Gigabit Ethernet Direct Attach Copper (twinax copper cable) 1m
 Junos Pulse Gateway 4610 Base System, Fixed Config, Secure Access/Access Control Services
 Juniper Care Next day support for MAG4610 up to 1-100 users - includes GA and RADIUS server feature licenses

Qty	Price	Item Total
2	\$3,420.00	\$6,840.00
2	\$340.20	\$680.40
2	\$75.00	\$150.00
1	\$3,500.00	\$3,500.00
1	\$1,143.00	\$1,143.00
Project Sub-Total		\$12,313.40
Tax		\$831.15
Project Total		\$13,144.55

Call Manager

UCSC-C220-M3SBE= UCS C220 M3S BE Server \$11,452.00
 CON-SNT-UCSC-C22 SMARTNET 8XSXNBD UCS C220 M3S BE Serv \$239.00
 CAB-9K12A-NA Power Card 125VAC 13A NEMA 5-15 Plug North America \$0.00
 CIT-PSU-BLKP Power Supply Blanking Panel/Filler \$0.00
 CIT-SD-16G-C220 16GB SD Card Module for C220 servers \$0.00
 R2XX-RAID10 Enable RAID 10 Setting \$0.00
 UC-A03-D500GC3 500GB 6Gb SATA 7.2K RPM SFF Hot Plug/Drive Sled Mounted \$0.00
 UC-CPU-E5-2609 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1066MHz \$0.00
 UC-MR-1X082RY-A 8GB DDR3-1600-MHz RDIMM/PC3-12800/Dual Rank/1.35v \$0.00
 UC-PSU-650W 650W Power Supply Unit For UCSC C220 Rack Server \$0.00
 UC-RAID-9271 MegaRAID 9271-8i + Battery Backup for C240 and C220 \$0.00
 R-VMW-UC-FND5-K9 UCSC UC Virt. Foundation 5.x (2-Socket) \$2,499.00
 UC55-U-VMW-FND-1-1 UCSS Cisco UC Virt. Foundation One Year - 1 server \$1.00
 CON-ESW-UCFND5 ESSENTIAL SW Cisco UC Virt. Foundation 5.0 (2-Socket) \$250.00
 VMW-UC-FND5-SNS Cisco UC Virt. Foundation 5.x SNS \$0.00
 CISCO2901-V/K9 Cisco 2901 Voice Bundle PVDM3-16 UC License PAK FL-CUBE10 \$2,895.00
 CON-SNT-2901V SMARTNET 8XSXNBD Cisco 2901 Voice Bun \$305.00
 S29UK9-15204M Cisco 2901-2921 IOS UNIVERSAL \$0.00
 PWR-2901-AC Cisco 2901.AC Power Supply \$0.00
 CAB-AC Cisco Power Cord (North America) C13 NEMA 5-15P 2.1m \$0.00
 FL-CUBEE-5 Unified Border Element Enterprise License - 5 sessions \$0.00
 PI-MSE-PRMO-INSRT Insert Packout - PI-MISE \$0.00
 SL-29-IPB-K9 IP Base License for Cisco 2901-2951 \$0.00
 SL-29-UC-K9 Unified Communication License for Cisco 2901-2951 \$0.00
 HWIC-BLANK Blank faceplate for HWIC slot on Cisco ISR \$0.00
 ISR-CCP-EXP Cisco Config Pro Express on Router Flash \$0.00
 MEM-2900-512MB-DEF 512MB DRAM for Cisco 2901-2921 ISR (Default) \$0.00
 MEM-CF-256MB 256MB Compact Flash for Cisco 1900 2900 3900 ISR \$0.00
 PVDM3-16 16-channel high-density voice and video DSP module \$0.00

Project Sub-Total		\$17,641.00
Tax		\$1,190.77
Project Total		\$18,831.77

Technology Equipment Infrastructure Apparatus

Cisco WCCP					
C6880-X	Cisco Catalyst 6880-X-Chassis (XL Tables)	1	\$46,000.00		\$46,000.00
CON-SNT-C6880XCA	SMARTNET 8XSXNBD Cisco Catalyst 6880-	1	\$4,613.00		\$4,613.00
S68XISK9N-15102SY	Cisco CAT6880-X IOS IP SERVICES NPE	1	\$0.00		\$0.00
C6880-X-3KW-AC	Cisco Catalyst 6880-X 3KW AC Power Supply	1	\$2,000.00		\$2,000.00
CAB-7513AC	AC POWER CORD NORTH-AMERICA (110V)	1	\$0.00		\$0.00
C6880-X-FAN	Cisco Catalyst 6880-X Fan Tray	1	\$0.00		\$0.00
C6880-X-NEBS-PAK	Mandatory Air Dam set for 6880-X to meet thermal requirement	1	\$100.00		\$100.00
C6880-X-CVR-E	Catalyst 6880-X port card enhanced slot cover	4	\$0.00		\$0.00
SFP-10G-SR=	10GBASE-SR SFP Module	4	\$995.00		\$3,980.00
	Project Sub-Total				\$56,693.00
	Tax				\$3,826.78
	Project Total				\$60,519.78
Palo Alto					
PAN-PA-5050-D	Palo Alto Networks PA-5050 with dual 120GB SSD drives - DR	1	\$42,500.00		\$42,500.00
PAN-PA-5050-TP	Palo Alto Networks Threat prevention PA-5050 Subscription 1 Year - DR	1	\$11,000.00		\$11,000.00
PAN-PA-5050-URL4	Palo Alto Networks PANDB URL filtering PA-5050 Subscription 1 Year - DR	1	\$11,000.00		\$11,000.00
PAN-PA-5050-WF	Palo Alto Networks WildFire PA-5050 Subscription 1 Year - DR	1	\$11,000.00		\$11,000.00
PAN-SVC-PREM-5050	Palo Alto Networks Premium support PA-5050 1 Year - DR	1	\$10,000.00		\$10,000.00
	Project Sub-Total				\$85,500.00
	Tax				\$5,771.25
	Project Total				\$91,271.25
					\$183,767.35

Disaster Recovery Total

<u>Data Center</u>		<u>Qty</u>	<u>Price</u>	<u>Item Total</u>
Palo Alto				
PAN-PA-5050-SSD2	Palo Alto Networks PA-5050 w/redundant AC power supplies and single 240GB SSD drive	2	\$42,500.00	\$85,000.00
PAN-PA-5050-TP-HA2	Palo Alto Networks Threat prevention device in an HA pair PA-5050 Subscription 1 Year	2	\$7,800.00	\$15,600.00
PAN-PA-5050-URL4-HA2	Palo Alto Networks PANDB URL filtering for device in an HA pair PA-5050 Subscription 1 Year	2	\$7,800.00	\$15,600.00
PAN-PA-5050-WF-HA2	Palo Alto Networks WildFire for device in HA pair PA-5050 Subscription 1 Year	2	\$7,800.00	\$15,600.00
PAN-SVC-PREM-5050	Palo Alto Networks Premium support PA-5050 1 Year	2	\$10,000.00	\$20,000.00
PAN-PA-200	Palo Alto Networks PA-200	1	\$1,200.00	\$1,200.00
PAN-PA-200-TP	Threat prevention subscription year 1, PA-200 - Lab	1	\$320.00	\$320.00
PAN-PA-200-URL4	PANDB URL filtering subscription year 1, PA-200 - Lab	1	\$320.00	\$320.00
PAN-PA-200-WF	WildFire subscription year 1, PA-200 - Lab	1	\$320.00	\$320.00
PAN-SVC-PREM-200	Premium support year 1, PA-200 - Lab	1	\$288.00	\$288.00
DNS-PS	DNS Professional Services	1	\$12,500.00	\$12,500.00
	Project Sub-Total			\$166,748.00
	Tax			\$10,411.74
	Project Total			\$177,159.74

Technology Equipment Infrastructure Apparatus

Server Upgrades

430-4436	Intel Ethernet X520 DP 10Gb DA/SFP+ Server Adapter, Low Profile, Customer Install (430-4436);	8	\$637.49	\$5,099.92
430-4434	Intel Ethernet I350 QP 1Gb Server Adapter, Customer Install (430-4434)	6	\$449.99	\$2,699.94
330-8940	2U Closeout Filler Panel For Dell Racks, Steel, Qty 1,CusKit (330-8940)	8	\$13.59	\$108.72
330-8933	6U Closeout Filler Panel For Dell Racks, Steel, Qty 1,CusKit (330-8933)	6	\$24.74	\$148.44
A6996808	Dell 8 GB Certified Replacement Memory Module for Select Dell Systems - 2Rx4 RDIMM 1333MHz LV (A6996808	32	\$108.74	\$3,479.68
330-7645	Dell iDrac Enterprise Card (330-7645)	6	\$349.99	\$2,099.94
312-0448	Dell RAID battery (312-0448)	4	\$51.99	\$207.96
313-8241	Dell Power Supply (313-8241)	6	\$257.99	\$1,547.94
			Project Sub-Total	\$15,392.54
			Tax	\$1,039.00
			Project Total	\$16,431.54

Data Center Total

\$193,591.28

Capital Request Total

\$377,358.63



UNION COUNTY PUBLIC SCHOOLS

307 E. Jefferson Street

Monroe, North Carolina 28112

VENDOR: 16486

THOMAS BUILT BUSES, INC.

ATTN: CORY COMPTON

1408 COURTESY RD

HIGH POINT, NC 27261

DATE 4/25/2014

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1.0 EA	72 PASSENGER THOMAS BUILT BUS SAF-T-LINER C2 SCHOOLS BUS WITH 4 CSRS SEATS Commodity Code : 070 - 33	84,444.00	84,444.00

The attached quote is for transportation equipment to support ADA requirements. The recommended purchase is to support operations for 2014-2015.