



MSAD 23

John Backus

P.O. Box 208

Carmel, ME 04419

Five-Year Equipment Replacement Schedule

MSAD 23		Model/Features		1st Year Equipment		2nd Year	3rd Year	4th Year	5th Year
BuildingName	Department	Present Meter/Survey Date	Estimated Life	Serial Number	Vendor ID				
# Students		Date Introduced		Projected Black Volume					
Annual Volume		Serial Number		Projected Color Volume					
1	Caravel Middle	Additional Black Network Printer		Ricoh SP4100 31 CPM Duplex CIF-Print-Post Script Digital		New	New	New	New
6th Grade									
0		0		S2076700183	11641062				
Black Vol:	0			16,016	Ikon				
2	Caravel Middle	Additional Black Network Printer		Ricoh SP4100 31 CPM Duplex CIF-Print-Post Script Digital		New	New	New	New
7th Grade									
0		0		S2076800371	11641061				
Black Vol:	0			16,016	Ikon				
3	Caravel Middle	Ricoh 2045 45 CPM Black Photocopier RADF Duplex Finisher Digital		Ricoh 2051 51 CPM Black Photo RADF Duplex LCT-1,500+ Paper Finisher 400 lb Console Digital		Ricoh 2051	Ricoh 2051	Ricoh 2051	Ricoh 2051
Conference Room									
208		528,996		K4455500559	11641009				
Black Vol:	153,557	1,000,000	(Trade WRTY)	153,557	Ikon				
		K2955501544	05/03						
(From 5)									

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MSAD 23		Model/Features					
BuildingName	Department	Present Meter/Survey Date	1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students	Annual Volume	Estimated Life Date Introduced Serial Number	Serial Number Vendor ID Projected Black Volume Projected Color Volume				
4	Caravel Middle	Ricoh AP410 28 CPM Black Network Printer Duplex Sort CIF-Print-Post Script Digital	Ricoh AP410 28 CPM Black Network Printer Duplex Sort CIF- Print-Post Script Digital	Ricoh 410	Ricoh 410	Ricoh 410	Ricoh 410
	Library						
	208	101,669	Q3256900739 11641008				
Black Vol:	42,757	500,000	42,757 Ikon				
		Q3256900739 03/05					
5	Caravel Middle	Ricoh 2051 51 CPM Black Photocopier RADF Duplex LCT-1,500+ Paper Finisher 400 lb Console Digital	Ricoh MP6000 60 CPM Black Photo RADF Duplex (LCT if under 1,500 Capacity) Finisher 3- Hole Punch CIF-Print-Scan-Post Script 400+ Lb Console Digital	New	New	New	New
	Library						
	208	696,167	M9295200061 11904714				
Black Vol:	231,499	3,000,000 (Move 3)	246,451 Ikon				
		K4455500559 11/04					
6	Caravel Middle	Xerox 8550DP 30 CPM Black & Color Color Network Printer Duplex Sort CIF- Print-Post Script Digital (Service Contract expires on 11-2010)	Xerox 8860 MFP D Color MFP 30 CPM Print 15 CPM Copy RADF Duplex 1,100 Paper Drawer CIF-Print-Scan-Fax-Post Script Oak Tag & Construction Paper Capability Secure Print Hard Drive Digital	New	New	New	New
	Main Office						
	208	47,375	HBB034385				
Black Vol:	18,952	750,000 (Move 8)	2,000 Xerox				
Color Vol:	30,766	WYP040197 06/05	30,766				

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MSAD 23		Model/Features					
BuildingName	Department	Present Meter/Survey Date	1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students	Annual Volume	Estimated Life Date Introduced Serial Number	Serial Number Vendor ID Projected Black Volume Projected Color Volume				
7	Caravel Middle	In House Printing (Based on 154 copies per student per year Industry Average)	Switch To Low Cost Operation Networked Reprographic Machines	Switch LCNR	Switch LCNR	Switch LCNR	Switch LCNR
	School Wide						
	208						
	Black Vol: 32,032		0				
8	Caravel Middle	Additional Color Network Printer	Xerox 8550DP 30 CPM Color Network Printer Duplex Sort CIF- Print-Post Script Digital (Service Contract expires on 11-2010)	Up-Close	Up-Close	Up-Close	Up-Close
	Special Ed	0					
	0						
	Black Vol: 0		2,000 Xerox				
	Color Vol: 0		0				
			(From 6)				
Proposed Annual Volume for Caravel Middle			478,797				
9	Carmel Elementary	Additional Color Network Printer	Xerox 8550DP 30 CPM Color Network Printer Duplex Sort CIF- Print-Post Script Digital (Service Contract expires on 11-2010)	Up-Close	Up-Close	Up-Close	Up-Close
	3rd Grade Portable	0					
	0						
	Black Vol: 0		16,994 Xerox				
	Color Vol: 0		0				
			(From 12)				

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MSAD 23		Model/Features						
BuildingName	Department	Present Meter/Survey Date		1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students	Annual Volume	Estimated Life		Serial Number	Vendor ID			
		Date Introduced		Projected Black Volume	Projected Color Volume			
		Serial Number						
10	Carmel Elementary	Additional	Black Network Printer	Ricoh SP4100 31 CPM Duplex	New	New	New	New
	4th Grade Portable			CIF-Print-Post Script Hard Drive				
	0	0		for Secure Print Digital				
	Black Vol:			S2076700659	11641059			
	0			15,250	Ikon			
11	Carmel Elementary	Additional	Black Network Printer	Ricoh SP4100 31 CPM Duplex	New	New	New	New
	Computer Lab			CIF-Print-Post Script Hard Drive				
	0	0		for Secure Print Digital				
	Black Vol:			S2076800070	11641060			
	0			15,250	Ikon			
12	Carmel Elementary	Xerox 8550DP 30 CPM Black & Color		Xerox 8860 MFP D Color MFP	New	New	New	New
		Color Network Printer Duplex Sort CIF-		30 CPM Print 15 CPM Copy				
		Print-Post Script Digital (Service Contract		RADF Duplex 1,100 Paper				
		expires on 11-2010)		Drawer CIF-Print-Scan-Fax-Post				
	Main Office			Script Oak Tag & Construction				
		34,602		Paper Capability Secure Print				
	250			Hard Drive Digital				
				HBB034354				
	Black Vol:	10,019	750,000	(Move 9)	2,019	Xerox		
	Color Vol:	24,793	WYP043358	06/05	24,793			

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MSAD 23		Model/Features						
BuildingName	Department	Present Meter/Survey Date	Estimated Life	1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students	Annual Volume	Date Introduced	Serial Number	Serial Number Vendor ID				
				Projected Black Volume				
				Projected Color Volume				
13	Carmel Elementary	Canon 400 40 CPM Black Photocopier RADF Duplex Finisher Digital		Canon 5020 50 CPM Black Photo RADF Duplex Finisher CIF-Print- Scan-Post Script Digital (Location 16)	Recon	Recon	Recon	Recon
	Main Office							
	250	406,118						
	Black Vol:	52,927	1,000,000	(Trade)	JCT02759	11908495		
				52,927	Ikon			
		MQJ01833	11/99					
14	Carmel Elementary	In House Printing (Based on 154 copies per student per year Industry Average)		Switch To Low Cost Operation Networked Reprographic Machines	Switch LCNR	Switch LCNR	Switch LCNR	Switch LCNR
	School Wide							
	250							
	Black Vol:	38,500		0				
15	Carmel Elementary	Risograph 4200 120 CPM High-Speed Duplicator		Close Out	Close Out	Close Out	Close Out	Close Out
	Work Room							
	250	851,287						
	Black Vol:	994	7,000,000	(Trade Ikon)	0			
		96451000	03/93					

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MSAD 23		Model/Features									
BuildingName	Department	Present Meter/Survey Date		1st Year Equipment		2nd Year	3rd Year	4th Year	5th Year		
# Students	Annual Volume	Estimated Life		Serial Number		Vendor ID	Projected Black Volume	Projected Color Volume			
16	Carmel Elementary	Ricoh 2051 51 CPM Black Photocopier RADF Duplex LCT-1,500+ Paper Finisher 400 lb Console Digital		Ricoh MP6000 60 CPM Black Photo RADF Duplex (LCT if under 1,500 Capacity) Finisher 3- Hole Punch CIF-Print-Scan-Post Script 400+ Lb Console Digital		New	New	New	New		
	Work Room	1,349,431		M9295100509 11904713							
	250	3,000,000		471,570 Ikon							
	Black Vol:	471,570	(Trade WRTY)	K4455700641 11/04							
Proposed Annual Volume for Carmel Elementary						574,010					
17	SAD 23 Bus Garage	Ricoh 1515 15 CPM Black Photocopier RADF Duplex Sort Digital		Ricoh 1515 15 CPM RADF Duplex Sort Digital		Ricoh 1515	Ricoh 1515	Ricoh 1515	Ricoh 1515		
	Main Office	10,216		K2059101532							
	0	250,000		3,005 Ikon							
	Black Vol:	3,005		K2059101532 07/03							
Proposed Annual Volume for SAD 23 Bus Garage						3,005					
18	SAD 23 District	Xerox C2424DP 24 CPM Black & Color Color Photocopier RADF Duplex Sort CIF- Print-Scan-Post Script Digital (Service Contract expires on 11-2010)		Xerox C2424DP 24 CPM Color Photo RADF Duplex Sort CIF- Print-Scan-Post Script Digital (Service Contract expires on 11- 2010)		Upgrade	Upgrade	Upgrade	Upgrade		
	Main Office	57,168		VVK007514							
	0	750,000		17,217 Xerox							
	Black Vol:	17,217		6,702							
	Color Vol:	6,702		VVK007514 03/05							

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MSAD 23		Model/Features					
BuildingName	Department	Present Meter/Survey Date	1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students	Annual Volume	Estimated Life Date Introduced Serial Number	Serial Number Vendor ID Projected Black Volume Projected Color Volume				
19	SAD 23 District	Ricoh 2045 45 CPM Black Photocopier RADF Duplex Finisher CIF-Print-Scan-Post Script Digital	Ricoh 2045 45 CPM Black Photo RADF Duplex Finisher CIF-Print- Scan-Post Script Digital	Ricoh 2045	Ricoh 2045	Ricoh 2045	Ricoh 2045
	Main Office						
	0	340,201	K2955602573 11413103				
	Black Vol: 115,241	1,000,000	115,241 Ikon				
		K2955602573 05/03					
Proposed Annual Volume for SAD 23 District				132,458			
20	Smith Elementary	Canon 400 40 CPM Black Photocopier RADF Duplex 4-Drawer Paper Finisher Digital	Ricoh 2051 51 CPM Black Photo RADF Duplex LCT-1,500+ Paper Finisher 400 lb Console Digital	Ricoh 2051	Ricoh 2051	Ricoh 2051	Ricoh 2051
	Computer Lab						
	217	438,963	K4455700630 11641036				
	Black Vol: 76,387	1,000,000 (Trade)	76,387 Ikon				
		MQJ00179 11/99					
		(From 22)					
21	Smith Elementary	Ricoh AP410 28 CPM Black Network Printer Duplex Sort CIF-Print-Post Script Digital	Ricoh AP410 28 CPM Black Network Printer Duplex Sort CIF- Print-Post Script Digital	Ricoh 410	Ricoh 410	Ricoh 410	Ricoh 410
	Computer Lab						
	217	25,098	Q3256900746 11413488				
	Black Vol: 7,527	500,000	7,527 Ikon				
		Q3256900746 03/05					

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MSAD 23		Model/Features						
BuildingName	Department	Present Meter/Survey Date		1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students		Estimated Life		Serial Number	Vendor ID			
Annual Volume		Date Introduced		Projected Black Volume				
		Serial Number		Projected Color Volume				
22	Smith Elementary	Ricoh 2051 51 CPM Black Photocopier RADF Duplex LCT-1,500+ Paper Finisher 400 lb Console Digital		Ricoh MP6000 60 CPM Black Photo RADF Duplex (LCT if under 1,500 Capacity) Finisher 3- Hole Punch CIF-Print-Scan-Post Script 400+ Lb Console Digital	New	New	New	New
	Library							
	217	766,315		M9295100460	11333435			
Black Vol:	255,509	3,000,000	(Move 20)	306,227	Ikon			
		K4455700630	11/04					
23	Smith Elementary	Risograph 4900 120 CPM High-Speed Duplicator Stand Alone Sorter		Close Out	Close Out	Close Out	Close Out	Close Out
	Library Workroom							
	217	1,485,911						
Black Vol:	11,593	7,000,000	(Trade Ikon)	0				
		96471784	05/93					
24	Smith Elementary	Xerox 8550DP 30 CPM Black & Color Color Network Printer Duplex Sort CIF- Print-Post Script Digital (Service Contract expires on 11-2010)		Xerox 8860 MFP D Color MFP 30 CPM Print 15 CPM Copy RADF Duplex 1,100 Paper Drawer CIF-Print-Scan-Fax-Post Script Oak Tag & Construction Paper Capability Secure Print Hard Drive Digital	New	New	New	New
	Main Office							
	217	50,676		HBB034347				
Black Vol:	15,207	750,000	(Move 27)	2,000	Xerox			
Color Vol:	7,859	WYP045738	06/05	7,859				

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MSAD 23		Model/Features					
BuildingName	Department	Present Meter/Survey Date	1st Year Equipment	2nd Year	3rd Year	4th Year	5th Year
# Students	Annual Volume	Estimated Life Date Introduced Serial Number	Serial Number Vendor ID Projected Black Volume Projected Color Volume				
25	Smith Elementary	In House Printing (Based on 154 copies per student per year Industry Average)	Switch To Low Cost Operation Networked Reprographic Machines	Switch LCNR	Switch LCNR	Switch LCNR	Switch LCNR
	School Wide						
	217						
	Black Vol:	33,418	0				
26	Smith Elementary	Canon 400 40 CPM Black Photocopier RADF Duplex 4-Drawer Paper Finisher Digital	Ricoh MP5000 50 CPM Black Photo RADF Duplex Finisher Digital (Location 3)	Recon	Recon	Recon	Recon
	Teachers' Room						
	217	568,434					
	Black Vol:	53,692	1,000,000 (Trade) NNV09278 11/99	M5685400098 11652485 53,692 Ikon			
27	Smith Elementary	Additional Color Network Printer	Xerox 8550DP 30 CPM Color Network Printer Duplex Sort CIF- Print-Post Script Digital (Service Contract expires on 11-2010)	Up-Close	Up-Close	Up-Close	Up-Close
	Title One	0					
	0						
	Black Vol:	0	7,500 Xerox				
	Color Vol:	0	0				
			(From 24)				
Proposed Annual Volume for Smith Elementary			453,333				

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MSAD 23
P.O. Box 208
Carmel, ME 04419

	PRESENT	PROPOSED
Black Photocopiers	1,413,387	1,479,057
Color Photocopiers - Black Volume	17,217	23,236
Color Photocopiers - Color Volume	6,702	70,120
High Speed Duplicators	12,587	0
In House Printing	0	0
Outside Printing	0	0
Workbooks	0	0
Black Network Printers	50,284	112,816
Color Network Printers - Black Volume	44,178	26,494
Color Network Printers - Color Volume	63,418	0
<i>Total Black Volume</i>	1,537,653	1,641,603
<i>Total Color Volume</i>	70,120	70,120
TOTALS	1,711,723	1,711,723

Recommended Vendor(s): Ikon (Ricoh) & Xerox

Upgrade Date on 5/1/2009

Vendor/Equipment		Proposed 100%Volume	Monthly Volume	Cost Per Copy	Proj Full-Year Billing	80%Proj Full- Year Billing
Ikon	Black Network Printer	112,816	9,401	\$0.00490	\$552.80	\$92.13
Ikon	Black Photocopier	1,024,248	85,354	\$0.00390	\$3,994.57	\$665.76
Ikon	Black Photocopier	454,809	37,901	\$0.00420	\$1,910.20	\$318.37
Xerox	Color Network Printer - Black Volume	26,494	2,208	\$0.00490	\$129.82	\$21.64
Xerox	Color Network Printer - Color Volume	0	0	\$0.08769	\$0.00	\$0.00
Xerox	Color Photocopier - Black Volume	17,217	1,435	\$0.00490	\$84.36	\$14.06
Xerox	Color Photocopier - Black Volume	6,019	502	\$0.01590	\$95.70	\$15.95
Xerox	Color Photocopier - Color Volume	63,418	5,285	\$0.03280	\$2,080.11	\$346.69
Xerox	Color Photocopier - Color Volume	6,702	559	\$0.08769	\$587.70	\$97.95
Totals		1,711,723	142,644	\$0.00551	\$9,435.26	\$1,572.54

Proposed Annual Capital Cost

\$11,511.97