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Print Form

### Lucas County Information Services Checklist for Hardware/Software/Services

Department: Lucas County Engineer

Funding Account & Description: 2040-2940-530100

Vendor: MT Business Technologies

State Term Contract ID

Requestor: Mark Drennen

Req. Date: 3/7/2013

Type of Request (check all that apply):

Hdw     SW     Services

Purchase     Lease     Subscription

Description or Nature of Request and for whom this is intended: The Lucas County Engineer's office is requesting authorization to purchase a Ricoh Aficio MP C2051 for use by their Tax Map Department.

Hdw/SW/Service Item Descr	Quote #	Wrnty Term	Qty	Unit Cost	Support Cost	Total Cost
Ricoh Aficio MP C2051		See Below	1	\$ 2,862.00	\$ 0.00	\$ 2,862.00
Fax Option C2551		See Below	1	\$ 363.60	\$ 0.00	\$ 363.60
			0	\$ 0.00	\$ 0.00	\$ 0.00
			0	\$ 0.00	\$ 0.00	\$ 0.00
			0	\$ 0.00	\$ 0.00	\$ 0.00
			0	\$ 0.00	\$ 0.00	\$ 0.00

Total Request \$ 3,225.60

Business Reason or Justification:

This unit will be replacing two older malfunctioning units.

**Lucas County Information Services  
Checklist for Hardware/Software/Services  
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<b>Planned Location:</b>	Other	<b>If Other please specify:</b>	Tax Map Department
<b>Network Connection Required?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<b>LCIS installation assistance needed?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<b>Date:</b> <input style="width: 100px;" type="text"/>
<b>LCIS on-going support required?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
<b>ITB or RFP completed?</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<b>LCIS Management review completed?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input style="width: 150px;" type="text"/> <b>Exclusion</b>
<b>DP Board Approved?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input style="width: 150px;" type="text"/> <b>Exclusion</b>
<b>Date of Approval:</b>	3/11/2013		

**Comments:**

Maintenance Terms  
Service Agreement Term Cost Per Impression  
Black & White Monthly \$0.009  
Color Monthly \$0.06

MT Business Technologies, Inc.'s exclusive Quality Standard Maintenance Program includes all service, all parts and all supplies (except paper and staples) that are needed to make impressions.

Reviewed and prepared by Mike Butler.  
Reviewed and approved by Jason Gears.



*Office of the County Engineer*

One Government Center — Suite 870  
Toledo, Ohio 43604-2258

Phone: 419-213-4540  
FAX: 419-213-4598



*Keith G. Sarley, P.E., P.S.*  
County Engineer

**Date: March 7, 2013**

**Lucas County Automated Data Processing Board  
Ms. Anita Lopez, Secretary  
One Government Center, Suite 600  
Toledo, Ohio 43604**

**INTEROFFICE MAIL**

**Dear Ms. Lopez:**

**Our office is requesting authorization to purchase the Ricoh Aficio MP C2051 for our Tax Map Department (specifications are attached).**

**The funding account for this purchase is:**

**2040-2940-530100**

**The total estimated cost for the above items is \$3,225.60. Funds for this equipment are included in our current budget. If you have any questions, or need additional information, please advise.**

**Very truly yours,**

**Mark Drennen  
Administrative Deputy**

**BSM;bm  
Enclosures**

**Proposal for  
Lucas County Engineer  
Ricoh MP C2051**

**Prepared on February 22, 2013**





*Proposal prepared for Lucas County Engineer on Friday, February 22, 2013*

***Equipment Detail***

<b>Ricoh Aficio MP C2051 - 20 page per minute color system</b>
Mainframe includes standard 50 Sheet ARDF, 100-Sheet Bypass Tray, 160GB HDD, 1.5 GB RAM, VM Card, 2 x 250 Paper Trays, PCL5c/PCL6 Printing & Scan to Email/Folder. Also includes HDD Encryption Unit and Data Overwrite Security Unit
<b>Accessories:</b> FAC43 Cabinet
<b>Optional:</b> Fax Option Type C2551

***Installation & Training***

<b>Installation Charges (Includes Installed Accessories)</b>	Included
<b>System Training</b>	Included

***Maintenance Terms***

<b>Service Agreement</b>	<b>Term</b>	<b>Cost Per Impression</b>
Black & White	Monthly	\$0.009
Color	Monthly	\$0.06

*\*MT Business Technologies, Inc.'s exclusive Quality Standard Maintenance Program includes all service, all parts and all supplies (except paper and staples) that are needed to make impressions. You never pay extra for toner or developer. You will also receive our exclusive "Performance Guarantee".*

***Financing Options***

<b>Purchase Price</b>	<b>\$2,862.00</b>
<b>Fax Option-Add:</b>	<b>\$363.60</b>

\*Non-State Contract Pricing\*

Quote Valid Until March 31, 2013.

*Please contact me with any questions.*

Shawn Brown, Major Account Manager  
SBrown@mtbt.com 419-865-7001

# Ricoh Aficio MP C2051/MP C2551

## System Specifications

**Aficio®**

### General Specifications

<b>Printing Process</b>	Dry Electrostatic Transfer with Dry Dual Component Magnetic Brush Development System; 4-Drum Method
<b>Output Speed (Copy/Print)</b>	MP C2051: 20-ppm BW & Full-Color; MP C2551: 25-ppm BW & Full-Color
<b>Warm-Up Time</b>	Less than 22 seconds (from Power On) Less than 10 seconds (from Sleep Mode) Full-Color: 9.2 seconds; BW: 6.4 seconds
<b>First Copy Time</b>	Automatic Reversing Document Feeder (ARDF)
<b>Copy Resolution</b>	600 x 600 dpi
<b>Document Feeder (Standard)</b>	Automatic Reversing Document Feeder (ARDF)
<b>Original Capacity</b>	50 sheets
<b>Paper Size</b>	5.5" x 8.5" to 11" x 17"
<b>Paper Weight</b>	Simplex: 11 lb. to 34 lb. Bond (40 – 128 g/m <sup>2</sup> ); Duplex: 14 lb. to 28 lb. Bond (52 – 105 g/m <sup>2</sup> )
<b>Exposure Glass</b>	Up to 11" x 17"
<b>Quantity Indicator</b>	Up to 999 copies
<b>Copy Size</b>	Up to 11" x 17"
<b>Input Capacity</b>	Standard: 2 x 250 sheets + 100-Sheet Bypass Tray; Maximum: 1,600 sheets
<b>Output Capacity</b>	Standard: 500 sheets (Letter); 250 sheets (Legal/Ledger); Maximum: 650 sheets (with 500-Sheet std. Exit Tray, 50-Sheet Side Tray and 100-Sheet One-Bin Tray)
<b>Paper Sizes</b>	Standard Tray 1 and Tray 2: 7.25" x 10.5" to 11" x 17"; Custom Sizes (Tray 1 and Tray 2): 7.17" x 5.83" (182 x 148 mm) to 11.69" x 17" (297 x 432 mm); Bypass Tray: 5.83" x 3.55" to 23.62" x 12" (305 x 600 mm)
<b>Paper Weights</b>	Standard Tray #1: 16 – 68 lb. Bond/140 lb. Index (60 – 256 g/m <sup>2</sup> ); Standard Tray #2: 16 – 45 lb. Bond/90 lb. Index (60 – 169 g/m <sup>2</sup> ); Bypass Tray: 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m <sup>2</sup> ); Duplex Unit: 16 – 28 lb. Bond (60 – 105 g/m <sup>2</sup> )
<b>Paper Types</b>	Plain paper, laser printer qualified transparencies, labels and envelopes
<b>Auto Duplex</b>	Standard
<b>Zoom Preset</b>	25% – 400% in 1% increments; 93%, 85%, 78%, 73%, 65%, 50%, 25% and
<b>Reduction and Enlargement Ratios</b>	400%, 200%, 155%, 129%, 121%
<b>Dimensions (WxDxH)</b>	23.2" x 26.7" x 33.3" (587 x 676 x 845 mm)
<b>Weight</b>	220.5 lbs. (100 kg)
<b>Power Requirements</b>	120V, 60Hz, 12A
<b>Power Consumption</b>	1600 Watts or less
<b>TEC Value*</b>	MP C2051: 1.00kWh MP C2551: 1.27kWh

\*Tested in accordance with US EPA TEC Test Procedure.

### Other Copier Features

Auto Color Selection (ACS), Auto/Manual Density Control, Copy Mode – Photo Type Selection (Printed, Glossy, & Copied Photo), Combine Mode, Shift/Erase/Margin, Cover/Slip/Chapter Sheets, Color Creation Modes, Image Creation Modes, Stamps/Numbering, Color Adjustment, Image Adjustment, Image Rotation, Job Program (10), User Codes (500), Job Preset (8), Sample Copy, Batch Mode, Quota Settings & SADF Mode

### Security Specifications

**Standard DataOverwriteSecurity Unit (DOSS) Type I** – Security feature that overwrites latent data on the system's hard drive after copy, scan, fax and print jobs.

**Standard HDD Encryption Unit Type A** – This function encrypts the system's hard drive using 256 bits (AES) to protect against data theft.

**Other Security Features** – SNMP v3 and Data Encryption (password/address book); Locked (Secure) Print; User Codes; Basic Authentication; WPA (Wi-Fi Protect Access Support); IPsec Communication; Windows/LDAP/Kerberos Authentication; 802.1x Wired Authentication; SSL Communication; SSL over SMTP; S/MIME; Network Protocol On/Off; IP Filtering (Access Control) and more

### Print Controller (Standard)

<b>CPU</b>	Mobile Intel Celeron Processor @ 600MHz
<b>Memory</b>	1.5 GB RAM (Maximum) & 160 GB HDD Standard (Shared)

<b>Max. Print Speed</b>	MP C2051: 20-ppm BW & Full-Color; MP C2551: 25-ppm BW & Full-Color
<b>Page Description Languages</b>	PCL5c, PCL6, XPS; Genuine Adobe® PostScript®3™ (Optional), Includes PDF Direct Print
<b>Max. Print Resolution</b>	1200 x 1200 dpi
<b>Standard Interfaces</b>	10Base-T/100Base-TX Ethernet (RJ-45), USB 2.0/SD Slot, USB 2.0 Host I/F
<b>Optional Interfaces</b>	IEEE 802.11a/b/g Interface Unit Type J, IEEE 1284 Interface Board Type A, Gigabit Ethernet Type B
<b>Network Protocols</b>	TCP/IP (IPv4, IPv6), IPX/SPX
<b>Fonts for PCL</b>	45 Intellifonts, 13 International Fonts
<b>Fonts for PS3</b>	136 Roman
<b>Network Operating Systems</b>	Windows 2000/XP/Vista/7/Server 2003/Server 2008/Server 2008R2, Novell NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5 or later, UNIX® filters for Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, and IBM AIX, MAC OS X v10.2 or later; SAP R/3, NDPS Gateway, IBM iSeries AS/400 using QS/400 Host Print Transform SmartDeviceMonitor for Admin and Client, Web SmartDeviceMonitor, Web Image Monitor
<b>Utilities</b>	

<sup>1</sup>For UNIX support, visit [www.ricoh-usa.com/downloads](http://www.ricoh-usa.com/downloads).

### Other Printer Features

Sample/Hold/Store and Locked Print, Classification Code, PANTONE® Color Palette, Black Over Print, CLP Simulation, PictBridge™ Support, WSD Printer, Bonjour Support

### Scanner Specifications (Standard)

<b>Scanner Resolution</b>	From 100 to 600 dpi (1200 dpi for TWAIN); Default Setting: 200dpi
<b>Scanning Speed</b>	44-ipm BW; 44-ipm Full-Color (@200 dpi via ARDF)
<b>Scan Area</b>	Main Scan: 11.7" (297 mm), Sub Scan: 17" (432 mm)
<b>Scan Size</b>	Contact Glass: 11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5"
<b>Compression Method</b>	BW: TIFF (MH, MR, MMR), Grayscale; Full-Color: JPEG
<b>Scan Mode</b>	Standard: BW Text/Line Art, BW Text, BW Text/Photo, BW Photo, BW Grayscale, FC Text/Photo, FC Photo
<b>Scan-to Modes Supported</b>	Scan-to-Email (with LDAP support); Scan-to-Folder (SMB/FTP/NCP); Scan-to-URL; Network TWAIN Scanning; Scan-to-Media (USB/SD, optional); WSD Scanner (for Vista)

### Document Server Specifications

<b>Capacity</b>	160 GB (shared with other functions)
<b>Max. Stored Documents</b>	2,000 documents
<b>Max. Pages per Document</b>	1,000 pages
<b>Max. Pages of all Stored Documents</b>	6,000 Pages

### Facsimile Specifications (Optional)

<b>Fax Option Type C2551</b>	
<b>Type</b>	ITU-T (CCITT) G3
<b>Circuit</b>	PSTN, PBX
<b>Resolution</b>	200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)
<b>Modem Speed</b>	33.6K – 2,400bps with Automatic Shift Down
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Transmission Speed</b>	G3: Approx. 2 seconds/page (w/JBIG compression); G3: Approx. 3 seconds/page (w/MMR compression)
<b>Scan Speed</b>	40 pages/minute (Standard Mode); 38 pages/minute (Detail Mode); 20 pages/minute (Super Fine Mode)
<b>Auto Dialing</b>	2,000 Quick Dials, 100 Group Dials (200 locations each)
<b>Memory Capacity</b>	4 MB (approx. 320 pages); Maximum 28 MB (approx. 2,240 pages)
<b>Additional Modes</b>	Internet Fax (T.37), IP Fax (T.38), LAN Fax, Fax Forward to E-mail/Folder, LDAP Support, Detection of Misplaced Documents & Double Check Destination
<b>Options</b>	Handset Type 1018, Memory Unit Type B 32MB (SAF Memory)

### Hardware Accessories

<b>Paper Feed Unit (PB3070)</b>	
<b>Paper Capacity</b>	500 sheets x 1 Tray
<b>Paper Sizes</b>	7.25" x 10.5" to 11" x 17"
<b>Paper Weights</b>	16 – 28 lb. Bond (60 – 105 g/m <sup>2</sup> )
<b>Dimensions (WxDxH)</b>	21.7" x 20.5" x 5.4" (550 x 520 x 137 mm)
The Caster Table is required with the 500 x 1 Paper Feed Unit (PB3070).	
<b>Paper Feed Unit (PB3030)<sup>1</sup></b>	
<b>Paper Capacity</b>	500 sheets x 2 Trays
<b>Paper Sizes</b>	7.25" x 10.5" to 11" x 17"
<b>Paper Weights</b>	16 – 28 lb. Bond (60 – 105 g/m <sup>2</sup> )
<b>Dimensions (WxDxH)</b>	21.7" x 20.5" x 10.7" (550 x 520 x 271 mm)

### Cabinet Type FAC43<sup>1</sup>

<b>Envelope Feeder Tray (EF3010)</b>	
<b>Paper Sizes</b>	5.5" x 8.5" to 11" x 17" Com10, Monarch, C5, C6 DL Envelope
<b>Paper Weight</b>	14 – 68 lbs. Bond (60 – 256 g/m <sup>2</sup> )
<b>Paper Capacity</b>	250 sheets (8.5" x 11" to 11" x 17") 150 sheets (5.5" x 8.5") Approximately 40 envelopes (depending on envelope thickness/quality)
<b>Internal 500-Sheet Finisher Type C2550</b>	
<b>Paper Weights</b>	14 – 34 lb. Bond (52 – 128 g/m <sup>2</sup> )
<b>Stack Capacity</b>	500 sheets (8.5" x 11") 250 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
<b>Staple Paper Sizes</b>	7.25" x 10.5" to 11" x 17"
<b>Staple Positions</b>	Landscape: Top Left Corner, Bottom Left Corner, 2-Top Sided, and 2-Left Sided; Portrait: Top Left Corner, Bottom Left Corner, 2-Top Sided, and 2-Left Sided
<b>Dimensions (WxDxH)</b>	19.5" x 20.7" x 8.4" (495 x 525 x 214 mm)

### Internal 500-Sheet Finisher Type C2550

<b>2/3-Hole Punch Unit Option (PU3010NA)</b>	available for Internal Finisher.
<b>Internal Shift-Sort Tray (SH3030)</b>	
<b>Paper Sizes</b>	5.5" x 8.5" to 12" x 18"
<b>Paper Capacity</b>	250 sheets
<b>Paper Weights</b>	14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m <sup>2</sup> )
<b>Dimensions (WxDxH)</b>	16.9" x 18.8" x 4.2" (431 x 477.5 x 107 mm)
Internal Shift-Sort and/or Inner One-Bin Tray cannot be installed with the 500-Sheet Internal Finisher.	
<b>Inner One-Bin Tray (BN3060)</b>	
<b>Paper Sizes</b>	5.5" x 8.5" to 11" x 17"
<b>Bin Capacity</b>	100 sheets
<b>Paper Weights</b>	16 – 28 lb. Bond (60 – 105 g/m <sup>2</sup> )
<b>Dimensions (WxDxH)</b>	16.9" x 19.6" x 4.4" (429 x 497 x 113 mm)

<b>Side Tray Type C2550</b>	
<b>Paper Sizes</b>	5.5" x 8.5" to 11" x 17"
<b>Paper Capacity</b>	50 sheets
<b>Paper Weights</b>	16 – 28 lb. Bond (60 – 105 g/m <sup>2</sup> )
<b>Dimensions (WxDxH)</b>	18.9" x 18.9" x 6.7" (480 x 480 x 170 mm)
<sup>1</sup> Please note either the Cabinet Stand or one of the paper options must be installed.	

### Additional Accessories

Caster Table Type B, PostScript3 Unit Type C2551, Camera Direct Print Card Type I, Key Counter Bracket Type H, File Format Converter Type E, Optional Counter Interface Unit Type A, USB 2.0/SD Slot Type G, Handset Type 1018, IEEE802.11 a/b/g Wireless Interface Type J, HotSpot Printing, and more

<sup>1</sup>Please note either the Cabinet Stand or one of the paper options must be installed.

### Consumables\*

<b>Black Toner Cartridge</b>	10K
<b>Cyan, Magenta &amp; Yellow Toner Cartridge</b>	5.5K or 9.5K
*Toner yields based on 5% coverage.	

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

**RICOH**

[www.ricoh-usa.com](http://www.ricoh-usa.com)

Ricoh Americas Corporation, Five Dedrick Place, West Caldwell, NJ 07006

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