

EXHIBIT B-1.4

COPIER/MFD SPECIFIC DEVICE FUNCTIONALITIES

A. COPIER/MFD DEVICE FUNCTIONALITY RICOH - COLOR

#	Segment	1	2	3	4	5	6
	Device Model	Ricoh IM C2510	IM C2510	IM C3500	IM C4500	IM C6500	IMC 8000
1	NEMA plug configuration type	5-15R	5-15R	5-15R	5-15R	5-20R	6-20R
2	Brand and model of included power surge protector (line conditioner)	N/A	N/A	N/A	N/A	N/A	N/A
3	Power consumption (running)	454w	454w	507w	533w	1.9kW	2.4kW
4	Power consumption (idle)	45w	45w	47w	47w	195w	205w
5	Power consumption (off)	.54w	.54w	.53w	.53w	1w	1.2w
6	Energy reduction Features	Lowest TEC	Lowest TEC	Lowest TEC	Lowest TEC	Lowest TEC	Lowest TEC
7	Does the model offer full-bleed letter and ledger –size printing?	No	No	No	No	No	No

8	Reduction in printing speed vs. rated copy per-minute speed (percentage basis)	None	None	None	None	None	None
9	Material Safety Data Sheet (MSDS) included in RMC provided literature						
10	Advance notice provided by the Copier/MFD before running out of toner	Yes	Yes	Yes	Yes	Yes	Yes
11	Primary functions (i.e., copying, printing, faxing [as applicable] and scanning) that are able to be performed simultaneously	No copy & fax at same time	No copy & fax at same time	No copy & fax at same time	No copy & fax at same time	No copy & fax at same time	No copy & fax at same time
12	Print/copy jobs are not stored on the Copier/MFD's hard drive after printing	Not stored	Not stored	Not stored	Not stored	Not stored	Not stored
13	Page Description Language (PDL) compatibilities, including version numbers, are included	Yes	Yes	Yes	Yes	Yes	Yes

	in CONTRACTOR's pricing.						
14	COUNTY's network and server operating system compatibilities, including version numbers, are included in CONTRACTOR's pricing						
15	Which walk-up copying, faxing or scanning features, if any, are not available to workstation users via the unit's print, fax and scan drivers?	All are available	All are available	All are available	All are available	All are available	All are available
16	The maximum Copier/MFD timeout period for walk-up users.	999 sec	999 sec	999 sec	999 sec	999 sec	999 sec
17	The Copier/MFDs can be configured to securely hold all print jobs at the device until	Yes	Yes	Yes	Yes	Yes	Yes

	released using a userassigned password number (Secure Printing)						
18	The Copier/MFD print driver can be defaulted to require the use of the Secure Print function	Yes	Yes	Yes	Yes	Yes	Yes
19	Amount of included RAM memory dedicated for the copier, fax (as applicable), scanner and printer functions	4GB	4GB	4GB	4GB	4GB	4GB
20	The maximum number of fax lines that each installed Copier/MFD can accommodate	3	3	3	3	3	3
21	Each of the installed model is set from the factory to default to copier functionality as the priority document imaging mode	Yes	Yes	Yes	Yes	Yes	Yes

22	Each color-capable Copier/MFD will be set from the factory to default to monochrome functionality as the priority document imaging mode for both walk-up copy, scanning and print-driver users	Yes	Yes	Yes	Yes	Yes	Yes
23	Monochrome-only print drivers can be made available for users of the color-capable Copier/MFDs. Although this functionality is available, vendor will eliminate from the drivers and the Copier/MFD touch screen panels any mention of a Color-Only copying/printing mode.	Yes	Yes	Yes	Yes	Yes	Yes
24	Two-sided one-pass scanning (i.e.,	Yes	Yes	Yes	Yes	Yes	Yes

	“simultaneous” or “perfect” scanning) capability included						
25	Stack-feed bypass tray capable of feeding multiple #10 envelopes	Yes	Yes	Yes	Yes	Yes	Yes
26	The model can print out the internal user/departmental tracking data	Yes	Yes	Yes	Yes	Yes	Yes
27	The internal user/departmental tracking data can be transmitted electronically via an included copy/print tracking and billing solution to the CONTRACTOR	Yes	Yes	Yes	Yes	Yes	Yes
28	Printing can be controlled and tracked via the copy/print tracking and billing solution provided by the CONTRACTOR	Yes	Yes	Yes	Yes	Yes	Yes
29	Copy tracking data can be listed separately from print tracking data	Yes	Yes	Yes	Yes	Yes	Yes

	for each user or department being tracked by the copy/print tracking and billing solution						
30	The internal tracking codes can be submitted electronically to the copy/print tracking and billing solution on a prescribed day each month	Yes	Yes	Yes	Yes	Yes	Yes
31	User identification codes can be set up globally for all devices and/or on individual devices from a remote location	Yes	Yes	Yes	Yes	Yes	Yes
32	A brief description of the most efficient method of installing device print, fax and scan driver software for each model on COUNTY workstations	Executable file can be used to auto install drivers	Executable file can be used to auto install drivers	Executable file can be used to auto install drivers	Executable file can be used to auto install drivers	Executable file can be used to auto install drivers	Executable file can be used to auto install drivers
33	Banner sheets can be automatically	Yes	Yes	Yes	Yes	Yes	Yes

	programmed to be pulled from a different (color) paper source than for the print job itself						
34	Banner sheets between print jobs can be programmed with the network user's name and/or other identifier so jobs from multiple distant users can more easily be located in high-volume environments	Yes	Yes	Yes	Yes	Yes	Yes
35	The Copier/MFD model offers embedded Bates Stamping capabilities	No	No	No	No	Yes	Yes
36	Printing/scanning to/from a USB thumb/flash drive is included on each of the models	Yes	Yes	Yes	Yes	Yes	Yes
37	The scanning system for each Copier/MFD is	Yes	Yes	Yes	Yes	Yes	Yes

	<p>configured to support common network user authorization, authentication schemes and common directory protocols such as LDAP and native active directory. The processes are the same as those required by the users' network login e.g., user name and password</p>						
38	<p>A user's name can be added to the "From" field for further verification of the sender</p>	Yes	Yes	Yes	Yes	Yes	Yes
39	<p>Each Copier/MFD need to be programmed manually (remotely or otherwise) to incorporate each authorized user's email addresses</p>	Yes	Yes	Yes	Yes	Yes	Yes

40	Each Copier/MFD allows scanned documents to be encrypted for security purposes.	Yes	Yes	Yes	Yes	Yes	Yes
41	Users can choose a scan file format available (e.g. PDF, TIFF, and JPEG) at the device based on an application and preference.	Yes	Yes	Yes	Yes	Yes	Yes
42	Users wishing to utilize the included scan-to-email function are authenticated	Yes	Yes	Yes	Yes	Yes	Yes
43	The device can create text-searchable PDF files from scanned originals providing greater access to documents archived in shared files, folders, or future Electronic Document Management Systems (EDMS)	Yes	Yes	Yes	Yes	Yes	Yes

	applications that the COUNTY may implement						
44	Multiple pages can be scanned and either emailed or stored without having to go back-and-forth between the device and the PC workstation between each page	Yes	Yes	Yes	Yes	Yes	Yes
45	The scanning solution includes OCR software with advanced desktop layout analysis for editing, archiving and sharing	Option	Option	Option	Option	Option	Option
46	Walk-up Copier/MFD users have access to a full-size integrated QWERTY keyboard	Option	Option	Option	Option	Option	Option
47	Users can search for available network folders on the	Yes	Yes	Yes	Yes	Yes	Yes

	Copier/MFD screen to determine where to send scanned documents						
48	Color scanning capability is included on any of the monochrome models	Yes	Yes	Yes	Yes	Yes	Yes
49	The scanning system can support common network user authorization, authentication schemes and common directory protocols such as LDAP. The processes are the same as those required by the users' network login e.g., user name and password A user's name can be added to the "From" field for further verification of the sender	Yes	Yes	Yes	Yes	Yes	Yes
50	The device allows scanned documents to be encrypted for	Yes	Yes	Yes	Yes	Yes	Yes

	security purposes						
51	The device allows for scanning to Electronic Document Management Systems (EDMS) or Enterprise Content Management (ECM)	Yes	Yes	Yes	Yes	Yes	Yes
52	Users can scan to a Windows share location or to FTP (Internet transfer) on each Copier/MFD	Yes	Yes	Yes	Yes	Yes	Yes
53	The device can scan images into WYSIWIG web-based HTML files	No	No	No	No	No	No
54	The device allows a user to attach Document Management Fields (e.g. date, name, file number) to the document file for filing/retrieval and unique identification (sometimes referred to as metadata); the	No	No	No	No	No	No

	metadata or indexing data can be automatically included in the scanning template workflow						
55	The maximum resolution of the scanned image	600	600	600	600	600	600
56	Automatic de-speckling and de-skewing of the scanned image	With OCR option	With OCR option	With OCR option	With OCR option	With OCR option	With OCR option
57	The color depth of the scanned image	TBD	TBD	TBD	TBD	TBD	TBD
58	The ability to scan to shared network folder	Yes	Yes	Yes	Yes	Yes	Yes
59	The ability to scan to an email address	Yes	Yes	Yes	Yes	Yes	Yes
60	Email notifications will be sent automatically to the designated facility key operator when units are out of paper, out of toner or otherwise require key operator attention	Yes	Yes	Yes	Yes	Yes	Yes

61	The finisher for each Copier/MFD is internal or external to the device	Yes	Yes	Yes	Yes	External	External
62	A brief description of how prints, faxes (as applicable) and copies will be separated on the finisher and/or exit trays of each Copier/MFD model	User defined	User defined	User defined	User defined	User defined	User defined
63	The finisher support 2-hole punching in addition to 3-hole punching (Segment 4a, 4b, 5 and 6 units only)	Yes	Yes	Yes	Yes	Yes	Yes
64	The finisher offer subset stapling	No	No	No	No	No	No
65	The item numbers and brand names for mailing labels and transparencies that are compatible with units						
66	The units are able to run the transparency film and mailing labels from all paper	Yes	Yes	Yes	Yes	Yes	Yes

	sources (drawers plus bypass), or if the paper sources are restricted when running this stock,						
67	The name and version level of the print, fax and scan driver utilities (as applicable) that will be provided to all workstation users to enable functional connectivity to each model in each Equipment Segment	PCL6 for universal print v4.5	PCL6 for universal print v4.5	PCL6 for universal print v4.5	PCL6 for universal print v4.5	PCL6 for universal print v4.5	PCL6 for universal print v4.5
68	The name and version level of the device management utilities that is provided to each of the County Department's Information Technology (IT) staff members to monitor and control each model in each Equipment Segment	TBD	TBD	TBD	TBD	TBD	TBD

69	The components or parts are considered user-replaceable for each model. Further, the approximate aggregate time involvement to replace these components or parts per unit per month	Toner	Toner	Toner	Toner	Toner	Toner
70	Email notifications will be sent automatically to the designated COUNTY key operator and the CONTRACTOR's assigned technicians via desktop or mobile device when each of the units are out of paper, out of toner or otherwise require key operator attention	Yes	Yes	Yes	Yes	Yes	Yes
71	The number of monochrome and color impressions						

	that will be billed if a user were to produce a 50-page letter-size duplex printed document containing five color pages (pages 1, 10, 11, 12 and 50)						