

MEMORANDUM

To: State Agencies
From: Greg Hoffman, Deputy Chief Information Officer
North Dakota Information Technology
Date: Friday, April 22th, 2022
Subject: **BUDGET GUIDELINES FOR 2023-2025 BIENNIUM**

North Dakota Information Technology (NDIT) has projected service rates for the 2023-2025 biennium. The rate schedules and a brief description of the services for Data Processing and Telecom may be found on the NDIT website at <https://www.nd.gov/itd/support/billing>. Rates that are highlighted in **bold** are the rates that changed from the 2021-2023 budget instructions.

Each biennium NDIT looks at the need to adjust the rates for the services provided. Because it is difficult for agencies to adjust their funding once the budget has been approved, every attempt is made to keep NDIT rates from increasing during the biennium. The following is an overview of the rate changes for the upcoming biennium.

The supply chain issues, inflation, and changes in demand make setting rates for the future biennium a challenge. Vendors have indicated the increased costs NDIT is seeing today will continue through the 2023-2025 biennium. These increases affect all types of hardware we purchase regardless of make, model and the intended use. From networking to desktops, wireless access points to servers, the hardware and associated support costs have risen 10-20%. Delivery of certain products is now taking six months to a year. In many cases, software vendors have also increased the per user license cost of their products.

During the 67th Legislative Assembly, IT staff from nine agency's were unified with NDIT to provide technology solutions and support in a centralized, shared service model. The chargeback model for these services in the 2023-25 biennium will be reflected in maintenance and operations agreements based on the business need for support. NDIT staff will be working with agency staff to create these agreements prior to agency budget deadlines.

Enterprise Project Management Office

Agencies with large projects will be billed a fee to cover the costs associated with the Enterprise Project Management Office and large project reporting requested by the Legislature. The fee will be \$2,500 per every \$500,000 of project costs. This fee will be capped at \$25,000 per project per fiscal year.

Software Development and Toolset Upgrades

NDIT Software Development continues working under the Agile framework in the approach to developing and supporting applications. Through the use of Scrum Masters and product owners, work is completed in "sprints" based on the priorities set for that sprint period. To account for some legislative increase for all staff, the increase to our hourly staff will be between 3-5%. Development will be billed at \$105 per hour, Business Analysts will be billed at \$131.50 per hour, and both Business Process Improvement and Project Management will be billed at \$136.50 per hour.

The NDIT Software Development Division supports many software development tools and languages. As part of our cybersecurity posture NDIT upgrades versions of our tools and languages on a regular basis. NDIT includes the development costs associated with changes to

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 2 of 15

applications as a result of upgrading the overall toolset within the hosting costs of those applications. Examples are Java/WebSphere, Oracle, SQL, MySQL and .Net applications. Agencies will need to account for the changes to applications for unsupported toolsets described below.

Legacy Application Surcharges

Several agencies are running older versions of SQL, Oracle or Websphere applications that have not been upgraded to a currently supported version. These agencies will need to upgrade those applications to current supported versions of these software products. Agencies who run on older versions should budget for a minimum surcharge of 25% to cover the operating costs of the legacy hosting environments. Agencies running SQL Server 2014 can incur an increased fee as of July 2024. Agencies with applications using Oracle 11g, 12c, and 18c should plan to have upgrades completed by the start of the 2023-2025 biennium as each of these versions is end of life and unsupported. Any applications running versions older than Websphere 9.0 may also incur a legacy surcharge as these versions are unsupported.

Maintenance & Operations

Existing maintenance and operations agreements will see the same cost increases as our hourly support rates, approximately 3-5%. Beginning with the 2023-25 Biennium, the internal database work will be included in these agreements. Previously, when support required a database administrator to make a change, this would result in the need for a request and usually a cost. As stated above, agencies recently unified will have agreements drafted to reflect the required support of your applications. NDIT staff will be working with agency staff to complete these during the budget process.

End User Compute (Desktop Support)

End User Compute is a holistic approach to managing all of the personal computing devices within an organization, including laptops, tablets, and mobile phones. It includes asset management, hardware and software deployment, device support and management, access/authorization management and basic training. The monthly fee includes hardware replacement cost (machine, monitor, keyboard, mouse, headset), support staff, and support toolsets.

Managed Print Service

One of the services provided previously by End User Compute is management of the printing device for the end user. If your agency receives Desktop Support from NDIT, this labor-intensive service will be managed by a third party beginning with the 2023-2025 biennium. The cost of the service will be a per page charge for the existing printers residing on the network. NDIT has included each printer model with the corresponding per page rate at the end of this document. This rate includes genuine manufacturer's toner for the specific printer, regular cleanings, service calls, and when needed, the replacement of the printer itself. Agencies should still work with OMB Central Services for large print jobs and large printing needs for their agencies.

Microsoft Productivity Suite

The current contract rate of \$36.00 for Microsoft Office 365 Premium will be expiring in June 2023. We are currently working with Microsoft on a price lock for their products to cover the 2023-25 Biennium, however, this rate has not been finalized with Microsoft yet. Our indication is that the rate will be \$43.25 per user per month. The Premium license will be required for state

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 3 of 15

employees as this license bundle contains the Office desktop client, Windows 10/11 OS, and Power BI. Enterprise Voice is included in the Premium bundle although it is recovered in the phone rate. Several key security components required for state employees are also included in this bundle. These are per license fees that will apply to any accounts that require a Microsoft user license including service accounts, privileged accounts, or information accounts as needed. For non-state employees such as vendors or contractors, it is possible to use the Office 365 Basic license to meet the user's needs for \$22.40 per month.

Network Rates (WAN connections)

Endpoint network rates for fiber locations will remain the same as the 2021-23 biennium. Base connectivity for state agencies with non-fiber endpoints on STAGEnet will be increasing to 250 Mbps with no additional cost. There are additional bandwidth options available for additional cost.

Agencies that have any broadband connectivity (DSL, cable, wireless, satellite, cellular) are reminded that all connectivity should be purchased through NDIT and there is an associated broadband add-on charge in addition to vendor cost of the broadband connection. The add-on rates will increase to \$185 per circuit for the 2023-2025 biennium. The premium add-on rate applies to locations that require network to network connectivity and comes with extended support hours. The broadband connection provided by the local telecommunication company is a direct bill back to each agency and is subject to rate changes throughout the biennium based on provider.

Technology Fee

The changes to the Technology Fee for the upcoming biennium will be to both the metric used for chargeback as well as the charge itself. Historically, NDIT has used the prior biennium appropriated FTE count per agency as the metric for this fee. This metric did not account for vacancies within agencies, temporary staff, or possible contractor staff. As such, a change in the metric used to recover these costs was needed to align usage with cost recovery.

Beginning with the 2023-2025 Biennium, the Technology Fee will be assessed to any user that also has a Microsoft Office 365 Premium license. This change will increase the units by which cost recovery is spread over considerably. Therefore, the Technology Fee for next biennium will be \$63.00 per Office 365 Premium user.

Technology Fee includes hardware, software, and support for the network backbone, the data center and the redundant internet. It includes VPN, Anti-Virus, and multi-factor authentication for all users. The fee includes any hardware and staffing support of all Microsoft productivity tools such as Office, Exchange, Teams, SharePoint, OneDrive, Stream, Planner and several others.

The Technology Fee also covers the expenses associated with providing enterprise services and solutions such as the Enterprise Architects, Customer Success Office, Granicus SMS, Adobe Sign and the State Website Platform.

ConnectND

NDIT bills each agency for the cost of ConnectND (the PeopleSoft financials and human resource applications). Each agency has a ConnectND fee on their data processing bill each month. The changes to fee per agency can vary depending upon budget and FTE. The amount each agency needs to budget is as follows:

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 4 of 15

- \$11.84 per month for each legislatively authorized FTE identified in the 2021-2023 Legislative Appropriations book.
- \$7.59 per month for every \$1 million appropriated to the agency as identified in the 2021-2023 Legislative Appropriations book.

Storage Rates

NDIT storage rates are expected to hold fairly steady from the 2021-2023 budget rates. Premium storage will decrease, Basic storage will remain the same, and File Share disk will increase slightly for both on-demand and dedicated disk. Enterprise backup storage will remain the same. Agencies that have significant storage growth projections should meet separately with NDIT to determine if other storage pricing tiers will help to mitigate the cost impact of their storage growth. NDIT continues to explore storage options available from cloud providers.

General Hosting Rates

NDIT will continue exploring cloud computing options, doing so within the current rate structure for server, disk and application hosting. Server fees will remain the same for the 2023-25 biennium. Application hosting will increase 8% and will account for the toolset upgrades for Oracle, SQL, MySQL, Websphere, and .Net applications. Agencies should review their current usage levels and anticipate any areas of growth to determine increases for specific hosting services. Increased usage of Dynamics platforms, Robotic Process Automation, Chatbots, Artificial Intelligence, Machine Learning, PowerBI Publishing, Data Analytics and Data Lake solutions will incur hosting fees on a deployment by deployment basis.

Centralized Log Management

This next biennium, NDIT is introducing a new service called Centralized Log Management. In response to a need for a Centralized Log Management solution and to avoid having unique logging solutions spread throughout the Enterprise, NDIT created a new system to meet the complex needs of our infrastructure and business applications. This simplified solution has the capability to ingest logs from many different environments (cloud, on-premise, application logs, etc.), indexes them for operational needs, and can produce reports for consumption by business units.

NDIT will be covering the base fee for this service as part of our infrastructure and security needs. Platforms and systems that have large compliance needs or atypical requirements for logging, will be charged a fee to fairly consume the service across the Enterprise. The rates can vary based on needs, but we are attempting to simplify on a handful of rates to make the budgeting process far easier for our business customers.

- Medium Requirements (low/medium logging rate, low/medium storage requirements for both operational or long-term needs, low/medium/high reporting requirements) - \$2000/month
- High Requirements (high logging rate, medium/high storage requirements, medium/high reporting requirements) - \$4000/month

Mainframe

During the 2023-25 biennium there will be a continued effort by agencies to rewrite applications and migrate away from mainframe-based applications. Due to the continued hardware, software and staff requirements of these systems, remaining agencies may see some fluctuation in the

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 5 of 15

current CPU costs, therefore it is advisable to budget the full CPU rate for the upcoming biennium.

Telecommunications

For the 2023-2025 biennium, NDIT will be consolidating the Basic and the Analog phone services into a single cost to receive a dial tone. This rate will be \$25.00 per dial tone, regardless of the intended use after a dial tone is established. This rate will still include all the phone features as well as the licenses needed for establishing a state specific government phone number. This rate does not include a physical telephone. Options are available for a physical phone upon request. This service also allows the state phone number to be configured to deliver phone calls to an employee's cellular phone in addition to the employee's office phone. Rightfax services are included in the basic phone rate charged for that fax number. Call Center costs will be split into two rates. One for the Anywhere365 solution and one for the legacy Avaya solution.

Micrographics Rates

NDIT will continue to coordinate micrographics services in state government but has outsourced the actual processing of microfilm due to equipment costs coupled with the declining use of microfilm in state government. Agencies using Micrographic services should contact NDIT to determine what rates to budget for the 2023-25 biennium.

These are the major changes NDIT will implement for the next biennium. Please review the detailed rate schedules for specific rate increases. To answer any questions, [join us](#) May 5th and/or May 19 at 1 pm CST or contact Greg Hoffman directly at 328-4006.

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 6 of 15

MANAGED PRINT MODELS & PER PAGE COST

Definitions:

Support Programs (“PROG”).

Maintenance Services and Support (“MSS”): Full MSS – Includes toner and ink cartridges, maintenance kits, parts, and repairs.

Essential Support (“ES”): Toner Only – Includes toner and ink cartridges drop shipped to Customer’s dock. Maintenance kits, parts, and repairs available on a Time and Materials (“T&M”) invoice.

Multivendor Support (“MVS”): Includes toner/ink cartridges, no break-fix or maintenance kits available. Toner/ink drop shipped to Customer’s Dock.

SUPPORT RATES FOR THE VARIOUS DEVICES ARE AS FOLLOWS:

MODEL	TYPE	RATE	PROG	MODEL	TYPE	RATE	PROG
HP CP4025	Black	\$0.0235	MSS	HP CP4025	Color	\$0.0987	MSS
HP CP5225	Black	\$0.0272	MSS	HP CP5225	Color	\$0.1382	MSS
HP E55040	Black	\$0.0136	MSS	HP E55040	Color	\$0.0617	MSS
HP E57540	Black	\$0.0136	MSS	HP E57540	Color	\$0.0617	MSS
HP E65150	Black	\$0.0123	MSS	HP E65150	Color	\$0.0557	MSS
HP E87640	Black	\$0.0068	MSS	HP E87640	Color	\$0.0477	MSS
HP M254	Black	\$0.0420	MSS	HP M254	Color	\$0.1727	MSS
HP M283	Black	\$0.0373	MSS	HP M283	Color	\$0.1556	MSS
HP M452	Black	\$0.0247	MSS	HP M452	Color	\$0.0925	MSS
HP M454	Black	\$0.0210	MSS	HP M454	Color	\$0.0925	MSS
HP M477	Black	\$0.0222	MSS	HP M477	Color	\$0.0925	MSS
HP M479	Black	\$0.0210	MSS	HP M479	Color	\$0.0925	MSS
HP M551	Black	\$0.0194	MSS	HP M551	Color	\$0.0822	MSS
HP M553	Black	\$0.0173	MSS	HP M553	Color	\$0.0740	MSS
HP M555	Black	\$0.0198	MSS	HP M555	Color	\$0.0777	MSS
HP M575	Black	\$0.0255	MSS	HP M575	Color	\$0.0916	MSS
HP M577	Black	\$0.0216	MSS	HP M577	Color	\$0.0839	MSS
HP M651	Black	\$0.0167	MSS	HP M651	Color	\$0.0731	MSS
HP M652	Black	\$0.0155	MSS	HP M652	Color	\$0.0679	MSS
HP M653	Black	\$0.0155	MSS	HP M653	Color	\$0.0679	MSS
HP M680	Black	\$0.0161	MSS	HP M680	Color	\$0.0664	MSS
HP M750	Black	\$0.0259	MSS	HP M750	Color	\$0.0876	MSS
HP M775	Black	\$0.0253	MSS	HP M775	Color	\$0.0962	MSS
HP OJP X576	Black	\$0.0161	MSS	HP OJP X576	Color	\$0.0695	MSS
HP E50145	Mono	\$0.0111	MSS	HP E60065	Mono	\$0.0099	MSS
HP E60165	Mono	\$0.0099	MSS	HP E62565	Mono	\$0.0099	MSS
HP M227	Mono	\$0.0346	MSS	HP M402	Mono	\$0.0210	MSS
HP M404	Mono	\$0.0198	MSS	HP M426	Mono	\$0.0192	MSS
HP M428	Mono	\$0.0179	MSS	HP M430	Mono	\$0.0179	MSS

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 7 of 15

HP M507	Mono	\$0.0148	MSS	HP M521	Mono	\$0.0179	MSS
HP M525	Mono	\$0.0179	MSS	HP M601	Mono	\$0.0198	MSS
HP M602	Mono	\$0.0155	MSS	HP M603	Mono	\$0.0128	MSS
HP M604	Mono	\$0.0183	MSS	HP M605	Mono	\$0.0118	MSS
HP M606	Mono	\$0.0118	MSS	HP M607	Mono	\$0.0118	MSS
HP M608	Mono	\$0.0118	MSS	HP M609	Mono	\$0.0118	MSS
HP M610	Mono	\$0.0116	MSS	HP P3015	Mono	\$0.0230	MSS
HP 3600	Black	\$0.0198	ES	HP 3600	Color	\$0.1472	ES
HP 4700	Black	\$0.0218	ES	HP 4700	Color	\$0.1118	ES
HP 5550	Black	\$0.0162	ES	HP 5550	Color	\$0.1019	ES
HP CP1525	Black	\$0.0474	ES	HP CP1525	Color	\$0.1836	ES
HP CP2025	Black	\$0.0292	ES	HP CP2025	Color	\$0.1796	ES
HP CP3525	Black	\$0.0226	ES	HP CP3525	Color	\$0.0948	ES
HP CP4525	Black	\$0.0203	ES	HP CP4525	Color	\$0.0885	ES
HP CP5525	Black	\$0.0161	ES	HP CP5525	Color	\$0.0914	ES
HP CP6015	Black	\$0.0218	ES	HP CP6015	Color	\$0.0790	ES
HP M175	Black	\$0.0770	ES	HP M175	Color	\$0.2605	ES
HP M252	Black	\$0.0404	ES	HP M252	Color	\$0.1658	ES
HP M451	Black	\$0.0210	ES	HP M451	Color	\$0.1124	ES
HP 4200	Mono	\$0.0162	ES	HP 4350	Mono	\$0.0124	ES
HP 9040	Mono	\$0.0129	ES	HP M225	Mono	\$0.0313	ES
HP M401	Mono	\$0.0185	ES	HP M425	Mono	\$0.0185	ES
HP P1606	Mono	\$0.0406	ES	HP P2035	Mono	\$0.0296	ES
HP P2055	Mono	\$0.0252	ES	HP P4014	Mono	\$0.0204	ES
HP P4015	Mono	\$0.0139	ES	HP P4515	Mono	\$0.0139	ES
Dell 2335	Mono	\$0.0201	ES	Dell 2350	Mono	\$0.0245	ES
Dell 5535	Mono	\$0.0185	ES	Lexmark T640	Mono	\$0.0185	ES
Lexmark T650	Mono	\$0.0185	ES				

SUPPORT RATES FOR THE VARIOUS MULTIVENDOR SUPPORT (“MVS”) DEVICES:

MODEL	TYPE	SKU	YIELD	RATE	CARTRIDGE	PROG
BROTHER MFC-J5945DW	Black	LC3039BK	6000	\$0.0111	\$66.60	MVS

Budget Guidelines 2023-25 Biennium**April 22th, 2022****Page 8 of 15**

BROTHER MFC-J5945DW	Color	LC3039C, LC3039M, LC3039Y	5000	\$0.0435	\$72.50	MVS
BROTHER MFC-J6935DW	Black	LC3029BK	3000	\$0.0121	\$36.30	MVS
BROTHER MFC-J6935DW	Color	LC3029C, LC3029M, LC3029C	1500	\$0.0723	\$36.15	MVS
BROTHER MFC-L2707DW	Mono	TN660	2600	\$0.0183	\$47.58	MVS
BROTHER MFC-L5900DW series	Mono	TN850	8000	\$0.0076	\$60.80	MVS
BROTHER MFC-L8900CDW series	Black	TN436BK	6500	\$0.0155	\$100.75	MVS
BROTHER MFC-L8900CDW series	Color	TN436C, TN436M, TN436Y	6500	\$0.0483	\$104.65	MVS
CANON iR C2550	Black	0452B003AA	26000	\$0.0034	\$88.40	MVS
CANON iR C2550	Color	0453B003AA, 0454B003AA, 0455B003AA	14000	\$0.0282	\$131.60	MVS
CANON iR1025	Mono	0386B003AA	8400	\$0.0068	\$57.12	MVS
CANON iR1435	Mono	9436B003AA	17600	\$0.0060	\$105.60	MVS
CANON iR1643i	Mono	3526C001AA	20500	\$0.0138	\$282.90	MVS
CANON iR2525	Mono	2785B003AA	14600	\$0.0051	\$74.46	MVS
CANON iR-ADV 4025	Mono	4792B003AA	30200	\$0.0035	\$105.70	MVS
CANON iR-ADV 4225	Mono	4792B003AA	30200	\$0.0035	\$105.70	MVS
CANON iR-ADV 4251	Mono	4791B003AA	34200	\$0.0029	\$99.18	MVS
CANON iR-ADV 4525	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4525 III	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4535	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4535 III	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4545	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4551	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4725	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4735	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 4745	Mono	0473C003AA	42100	\$0.0032	\$134.72	MVS
CANON iR-ADV 6265	Mono	3766B003AA	56000	\$0.0024	\$134.40	MVS
CANON iR-ADV 6555	Mono	3766B003AA	56000	\$0.0024	\$134.40	MVS
CANON iR-ADV 6565	Mono	3766B003AA	56000	\$0.0024	\$134.40	MVS
CANON iR-ADV 6565 III	Mono	3766B003AA	56000	\$0.0024	\$134.40	MVS
CANON iR-ADV C2225	Black	3782B003AA	23000	\$0.0033	\$75.90	MVS
CANON iR-ADV C2225	Color	3783B003AA, 3784B003AA, 3785B003AA	19000	\$0.0195	\$123.50	MVS
CANON iR-ADV C3325	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3325	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS

Budget Guidelines 2023-25 Biennium**April 22th, 2022****Page 9 of 15**

CANON iR-ADV C3525	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3525	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C3525 III	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3525 III	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C3530	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3530	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C3530 III	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3530 III	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C357	Black	2182C003AA	23000	\$0.0041	\$94.30	MVS
CANON iR-ADV C357	Color	2183C003AA, 2184C003AA, 2185C003AA	18000	\$0.0315	\$189.00	MVS
CANON iR-ADV C3725	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3725	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C3826	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3826	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C3830	Black	8524B003AA	36000	\$0.0028	\$100.80	MVS
CANON iR-ADV C3830	Color	8525B003AA, 8526B003AA, 8527B003AA	19000	\$0.0255	\$161.50	MVS
CANON iR-ADV C5051	Black	2789B003AA	44000	\$0.0029	\$127.60	MVS
CANON iR-ADV C5051	Color	2793B003AA, 2797B003AA, 2801B003AA	38000	\$0.0150	\$190.00	MVS
CANON iR-ADV C5235	Black	2790B003AA	36000	\$0.0032	\$115.20	MVS
CANON iR-ADV C5235	Color	2794B003AA, 2798B003AA, 2802B003AA	27000	\$0.0192	\$172.80	MVS
CANON iR-ADV C5240	Black	2790B003AA	36000	\$0.0032	\$115.20	MVS
CANON iR-ADV C5240	Color	2794B003AA, 2798B003AA, 2802B003AA	27000	\$0.0192	\$172.80	MVS
CANON iR-ADV C5250	Black	2789B003AA	44000	\$0.0029	\$127.60	MVS
CANON iR-ADV C5250	Color	2793B003AA, 2797B003AA, 2801B003AA	38000	\$0.0150	\$190.00	MVS
CANON iR-ADV C5535	Black	0481C003AA	57500	\$0.0032	\$184.00	MVS
CANON iR-ADV C5535	Color	0482C003AA, 0483C003AA, 0484C003AA	60000	\$0.0162	\$324.00	MVS
CANON iR-ADV C5535 III	Black	0481C003AA	57500	\$0.0032	\$184.00	MVS

Budget Guidelines 2023-25 Biennium**April 22th, 2022****Page 10 of 15**

CANON iR-ADV C5535 III	Color	0482C003AA, 0483C003AA, 0484C003AA	60000	\$0.0162	\$324.00	MVS
CANON iR-ADV C5540	Black	0481C003AA	57500	\$0.0032	\$184.00	MVS
CANON iR-ADV C5540	Color	0482C003AA, 0483C003AA, 0484C003AA	60000	\$0.0162	\$324.00	MVS
CANON iR-ADV C5540 III	Black	0481C003AA	57500	\$0.0032	\$184.00	MVS
CANON iR-ADV C5540 III	Color	0482C003AA, 0483C003AA, 0484C003AA	60000	\$0.0162	\$324.00	MVS
CANON iR-ADV C5550 III	Black	0481C003AA	57500	\$0.0032	\$184.00	MVS
CANON iR-ADV C5550 III	Color	0482C003AA, 0483C003AA, 0484C003AA	60000	\$0.0162	\$324.00	MVS
CANON iR-ADV C5750	Black	0481C003AA	57500	\$0.0032	\$184.00	MVS
CANON iR-ADV C5750	Color	0482C003AA, 0483C003AA, 0484C003AA	60000	\$0.0162	\$324.00	MVS
CANON iR-ADV C5840	Black	3763C003AA	71000	\$0.0053	\$376.30	MVS
CANON iR-ADV C5840	Color	3764C003AA, 3765C003AA, 3766C003AA	60000	\$0.0399	\$798.00	MVS
CANON iR-ADV C7565 III	Black	0998C003AA	82000	\$0.0030	\$246.00	MVS
CANON iR-ADV C7565 III	Color	0999C003AA, 1000C003AA, 1001C003AA	66500	\$0.0147	\$325.85	MVS
CANON LC600 Series	Mono	3480B005AA	6400	\$0.0205	\$131.20	MVS
CANON LC800	Mono	1153B001AA	5000	\$0.0209	\$104.50	MVS
CANON MF741C/743C	Black	3020C001	7600	\$0.0397	\$301.72	MVS
CANON MF741C/743C	Color	3019C001, 3018C001, 3017C001	5900	\$0.2112	\$415.36	MVS
DELL B2360d-dn Laser Printer	Mono	331-9805	8500	\$0.0134	\$113.90	MVS
DELL B2375dnf	Mono	593-BBBJ	10000	\$0.0112	\$112.00	MVS
DELL Printer S2830dn	Mono	593-BBYP	8500	\$0.0201	\$170.85	MVS
KONICA-MINOLTA BIZHUB 368E	Mono	AAJ6030	25000	\$0.0045	\$112.50	MVS
KONICA-MINOLTA BIZHUB 4052	Mono	AAE1011	25000	\$0.0151	\$377.50	MVS
KONICA-MINOLTA BIZHUB 458E	Mono	AAJ7030	26000	\$0.0029	\$75.40	MVS
KONICA-MINOLTA BIZHUB 558E	Mono	AAJ7030	26000	\$0.0029	\$75.40	MVS
KONICA-MINOLTA BIZHUB 654E	Mono	A3VU030	40800	\$0.0028	\$114.24	MVS
KONICA-MINOLTA BIZHUB C284E	Black	A33K130	27000	\$0.0030	\$81.00	MVS
KONICA-MINOLTA BIZHUB C284E	Color	A33K430, A33K330, A33K230	25000	\$0.0204	\$170.00	MVS
KONICA-MINOLTA BIZHUB C300I	Black	AAV8130	28000	\$0.0029	\$81.20	MVS
KONICA-MINOLTA BIZHUB C300I	Color	AAV8430, AAV8330, AAV8230	28000	\$0.0174	\$162.40	MVS
KONICA-MINOLTA BIZHUB C308	Black	A8DA130	28000	\$0.0029	\$81.20	MVS

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 11 of 15

KONICA-MINOLTA BIZHUB C308	Color	A8DA430, A8DA330, A8DA230	26000	\$0.0210	\$182.00	MVS
KONICA-MINOLTA BIZHUB C360I	Black	AAV8130	28000	\$0.0029	\$81.20	MVS
KONICA-MINOLTA BIZHUB C360I	Color	A8DA430, A8DA330, A8DA230	26000	\$0.0210	\$182.00	MVS
KONICA-MINOLTA BIZHUB C364E	Black	A33K130	27000	\$0.0030	\$81.00	MVS
KONICA-MINOLTA BIZHUB C364E	Color	A33K430, A33K330, A33K230	25000	\$0.0204	\$170.00	MVS
KONICA-MINOLTA BIZHUB C368	Black	A8DA130	28000	\$0.0029	\$81.20	MVS
KONICA-MINOLTA BIZHUB C368	Color	A8DA430, A8DA330, A8DA230	26000	\$0.0210	\$182.00	MVS
KONICA-MINOLTA BIZHUB C454E	Black	A33K132	27000	\$0.0025	\$67.50	MVS
KONICA-MINOLTA BIZHUB C454E	Color	A33K432, A33K332, A33K232	26000	\$0.0219	\$189.80	MVS
KONICA-MINOLTA BIZHUB C458	Black	A9E8130	28000	\$0.0021	\$58.80	MVS
KONICA-MINOLTA BIZHUB C458	Color	A9E8430, A9E8330, A9E8230	26000	\$0.0195	\$169.00	MVS
KYOCERA CS 308ci	Black	TK-5197K	15000	\$0.0066	\$99.00	MVS
KYOCERA CS 308ci	Color	TK-5197C, TK- 5197M, TK- 5197Y	7000	\$0.0726	\$169.40	MVS
KYOCERA CS 3253ci	Black	TK-8337K	25000	\$0.0053	\$132.50	MVS
KYOCERA CS 3253ci	Color	TK-8337C, TK- 8337M, TK- 8337Y	15000	\$0.0300	\$150.00	MVS
KYOCERA ECOSYS M2535dn	Mono	TK-1142	7200	\$0.0080	\$57.60	MVS
KYOCERA ECOSYS M2640idw	Mono	TK-1172	7200	\$0.0130	\$93.60	MVS
KYOCERA ECOSYS M3145idn	Mono	TK-3162	12500	\$0.0069	\$86.25	MVS
KYOCERA ECOSYS M3550idn	Mono	TK-3122	21000	\$0.0045	\$94.50	MVS
KYOCERA ECOSYS M3645idn	Mono	TK-3162	12500	\$0.0069	\$86.25	MVS
KYOCERA ECOSYS M3655idn	Mono	TK-3182	21000	\$0.0054	\$113.40	MVS
KYOCERA ECOSYS M5521cdw	Black	TK-5232K	2600	\$0.0292	\$75.92	MVS
KYOCERA ECOSYS M5521cdw	Color	TK-5232C, TK-5232M, TK-5232Y	2200	\$0.1296	\$95.04	MVS
KYOCERA ECOSYS P3045dn	Mono	TK-3162	12500	\$0.0069	\$86.25	MVS
KYOCERA ECOSYS P3050dn	Mono	TK-3172	15500	\$0.0057	\$88.35	MVS
KYOCERA ECOSYS P3155dn	Mono	TK-3172	15500	\$0.0057	\$88.35	MVS
KYOCERA ECOSYS P6235cdn	Mono	TK-5282K	13000	\$0.0116	\$150.80	MVS
KYOCERA FS-1028MFP	Mono	TK-132	7200	\$0.0077	\$55.44	MVS
KYOCERA FS-4020DN	Mono	TK-362	20000	\$0.0034	\$68.00	MVS
KYOCERA FS-4100DN	Mono	TK-3112	15500	\$0.0056	\$86.80	MVS
KYOCERA FS-C5150DN	Black	TK-582K	3500	\$0.0266	\$93.10	MVS

Budget Guidelines 2023-25 Biennium**April 22th, 2022****Page 12 of 15**

KYOCERA FS-C5150DN	Color	TK-582C, TK-582M, TK-582Y	2800	\$0.0996	\$92.96	MVS
KYOCERA FS-C8650DN	Black	TK-8602K	30000	\$0.0063	\$189.00	MVS
KYOCERA FS-C8650DN	Color	TK-8602C, TK-8602M, TK-8602Y	20000	\$0.0342	\$228.00	MVS
KYOCERA KM-1650	Mono	TK-411	15000	\$0.0062	\$93.00	MVS
KYOCERA TASKalfa 2553ci	Black	TK-8347K	20000	\$0.0059	\$118.00	MVS
KYOCERA TASKalfa 2553ci	Color	TK-8347C, TK-8347M, TK-8347Y	12000	\$0.0309	\$123.60	MVS
KYOCERA TASKalfa 300i	Mono	TK-677	20000	\$0.0057	\$114.00	MVS
KYOCERA TASKalfa 3050ci	Black	TK-8307K	25000	\$0.0056	\$140.00	MVS
KYOCERA TASKalfa 3050ci	Color	TK-8307C, TK-8307M, TK-8307Y	15000	\$0.0276	\$138.00	MVS
KYOCERA TASKalfa 3051ci	Black	TK-8307K	25000	\$0.0056	\$140.00	MVS
KYOCERA TASKalfa 3051ci	Color	TK-8307C, TK-8307M, TK-8307Y	15000	\$0.0276	\$138.00	MVS
KYOCERA TASKalfa 308ci	Black	TK-5197K	15000	\$0.0066	\$99.00	MVS
KYOCERA TASKalfa 308ci	Color	TK-5197C, TK-5197M, TK-5197Y	7000	\$0.0726	\$169.40	MVS
KYOCERA TASKalfa 3212i	Mono	TK-7127	20000	\$0.0057	\$114.00	MVS
KYOCERA TASKalfa 3252ci	Black	TK-8337K	25000	\$0.0053	\$132.50	MVS
KYOCERA TASKalfa 3252ci	Color	TK-8337C, TK-8337M, TK-8337Y	15000	\$0.0300	\$150.00	MVS
KYOCERA TASKalfa 3253ci	Black	TK-8337K	25000	\$0.0053	\$132.50	MVS
KYOCERA TASKalfa 3253ci	Color	TK-8337C, TK-8337M, TK-8337Y	15000	\$0.0300	\$150.00	MVS
KYOCERA TASKalfa 3501i	Mono	TK-6307K	35000	\$0.0047	\$164.50	MVS
KYOCERA TASKalfa 358ci	Black	TK-5207K	18000	\$0.0073	\$131.40	MVS
KYOCERA TASKalfa 358ci	Color	TK-5207C, TK-5207M, TK-5207Y	12000	\$0.0423	\$169.20	MVS
KYOCERA TASKalfa 4002i	Mono	TK-6329	35000	\$0.0044	\$154.00	MVS
KYOCERA TASKalfa 4003i	Mono	TK-6329	35000	\$0.0044	\$154.00	MVS
KYOCERA TASKalfa 406ci	Black	TK-5217K	20000	\$0.0048	\$96.00	MVS
KYOCERA TASKalfa 406ci	Color	TK-5217C, TK-5217M, TK-5217Y	15000	\$0.0225	\$112.50	MVS
KYOCERA TASKalfa 4501i	Mono	TK-6307K	35000	\$0.0047	\$164.50	MVS
KYOCERA TASKalfa 5002i	Mono	TK-6329	35000	\$0.0044	\$154.00	MVS
KYOCERA TASKalfa 5003i	Mono	TK-6329	35000	\$0.0044	\$154.00	MVS
KYOCERA TASKalfa 5052ci	Black	TK-8517K	30000	\$0.0038	\$114.00	MVS
KYOCERA TASKalfa 5052ci	Color	TK-8517C,	20000	\$0.0198	\$132.00	MVS

Budget Guidelines 2023-25 Biennium

April 22th, 2022

Page 13 of 15

			TK-8517M, TK-8517Y				
KYOCERA TASKalfa 5053ci	Black	TK-8517K	30000	\$0.0038	\$114.00	MVS	
KYOCERA TASKalfa 5053ci	Color	TK-8517C, TK-8517M, TK-8517Y	20000	\$0.0198	\$132.00	MVS	
KYOCERA TASKalfa 520i	Mono	TK-717	34000	\$0.0056	\$190.40	MVS	
KYOCERA TASKalfa 5500i	Mono	TK-6307K	35000	\$0.0047	\$164.50	MVS	
KYOCERA TASKalfa 5501i	Mono	TK-6307K	35000	\$0.0047	\$164.50	MVS	
KYOCERA TASKalfa 6003i	Mono	TK-6329	35000	\$0.0044	\$154.00	MVS	
KYOCERA TASKalfa 6052ci	Black	TK-8517K	30000	\$0.0038	\$114.00	MVS	
KYOCERA TASKalfa 6052ci	Color	TK-8517C, TK-8517M, TK-8517Y	20000	\$0.0198	\$132.00	MVS	
KYOCERA TASKalfa 6053ci	Black	TK-8517K	30000	\$0.0038	\$114.00	MVS	
KYOCERA TASKalfa 6053ci	Color	TK-8517C, TK-8517M, TK-8517Y	20000	\$0.0198	\$132.00	MVS	
KYOCERA TASKalfa 6501i	Mono	TK-6707	70000	\$0.0030	\$210.00	MVS	
KYOCERA TASKalfa 6550ci	Black	TK-8707K	70000	\$0.0027	\$189.00	MVS	
KYOCERA TASKalfa 6550ci	Color	TK-8707C, TK-8707M, TK-8707Y	30000	\$0.0264	\$264.00	MVS	
LANIER MP 161/LD016	Mono	841718	7000	\$0.0033	\$23.10	MVS	
LANIER MP 2554	Mono	842124	24000	\$0.0032	\$76.80	MVS	
LANIER MP 301	Mono	841714	8000	\$0.0069	\$55.20	MVS	
LANIER MP 5002	Mono	480-0397	30000	\$0.0019	\$57.00	MVS	
LANIER MP 5055	Mono	841999	37000	\$0.0029	\$107.30	MVS	
LANIER MP C3003	Black	841817	29500	\$0.0042	\$123.90	MVS	
LANIER MP C3003	Color	841820, 841819, 841818	18000	\$0.0303	\$181.80	MVS	
LANIER MP C6004ex	Black	841853	33000	\$0.0040	\$132.00	MVS	
LANIER MP C6004ex	Color	841856, 841855, 841854	22500	\$0.0303	\$227.25	MVS	
LEXMARK M1145	Mono	24B6035	16000	\$0.0106	\$169.60	MVS	
LEXMARK MS810	Mono	52D1H00	25000	\$0.0068	\$170.00	MVS	
LEXMARK MS823dn	Mono	58D1H00	15000	\$0.0279	\$418.50	MVS	
SAVIN MP 2555	Mono	842124	24000	\$0.0032	\$76.80	MVS	
SAVIN MP 301	Mono	841714	8000	\$0.0069	\$55.20	MVS	
SAVIN MP 3055	Mono	842124	24000	\$0.0032	\$76.80	MVS	
SAVIN MP C3002	Black	841647	28000	\$0.0048	\$134.40	MVS	
SAVIN MP C3002	Color	841650, 841769, 841648	18000	\$0.0303	\$181.80	MVS	
SAVIN MP C3004	Black	841817	29500	\$0.0042	\$123.90	MVS	

Budget Guidelines 2023-25 Biennium**April 22th, 2022****Page 14 of 15**

SAVIN MP C3004	Color	841820, 841819, 841818	18000	\$0.0303	\$181.80	MVS
SAVIN MP C3004ex	Black	841817	29500	\$0.0042	\$123.90	MVS
SAVIN MP C3004ex	Color	841820, 841819, 841818	18000	\$0.0303	\$181.80	MVS
SAVIN MP C306Z	Black	842091	17000	\$0.0059	\$100.30	MVS
SAVIN MP C306Z	Color	842092, 842093, 842094	6000	\$0.0561	\$112.20	MVS
SAVIN MP C4504ex	Black	841853	33000	\$0.0040	\$132.00	MVS
SAVIN MP C4504ex	Color	841856, 841855, 841854	22500	\$0.0303	\$227.25	MVS
SHARP MX-2310U	Black	MX-23NTBA	18000	\$0.0052	\$93.60	MVS
SHARP MX-2310U	Color	MX-23NTCA, MX-23NTMA, MX-23NTYA	10000	\$0.0429	\$143.00	MVS
SHARP MX-2651	Black	MX-61NTBA	40000	\$0.0031	\$124.00	MVS
SHARP MX-2651	Color	MX-61NTCA, MX-61NTMA, MX-61NTYA	24000	\$0.0321	\$256.80	MVS
SHARP MX-3051	Black	MX-61NTBA	40000	\$0.0031	\$124.00	MVS
SHARP MX-3051	Color	MX-61NTCA, MX-61NTMA, MX-61NTYA	24000	\$0.0321	\$256.80	MVS
SHARP MX-3551	Black	MX-61NTBA	40000	\$0.0031	\$124.00	MVS
SHARP MX-3551	Color	MX-61NTCA, MX-61NTMA, MX-61NTYA	24000	\$0.0321	\$256.80	MVS
SHARP MX-5070V	Black	MX-61NTBA	40000	\$0.0031	\$124.00	MVS
SHARP MX-5070V	Color	MX-61NTCA, MX-61NTMA, MX-61NTYA	24000	\$0.0321	\$256.80	MVS
SHARP MX-5071	Black	MX-61NTBA	40000	\$0.0031	\$124.00	MVS
SHARP MX-5071	Color	MX-61NTCA, MX-61NTMA, MX-61NTYA	24000	\$0.0321	\$256.80	MVS
SHARP MX-M3050	Mono	MX-561NT	40000	\$0.0031	\$124.00	MVS
SHARP MX-M3051	Mono	MX-561NT	40000	\$0.0031	\$124.00	MVS
SHARP MX-M4071	Mono	MX-561NT	40000	\$0.0031	\$124.00	MVS
SHARP MX-M5071	Mono	MX-561NT	40000	\$0.0031	\$124.00	MVS
SHARP MX-M6071	Mono	MX-561NT	40000	\$0.0031	\$124.00	MVS
XEROX AltaLink B8045 MFP	Mono	006R01605	44000	\$0.0097	\$426.80	MVS
XEROX AltaLink B8065 MFP	Mono	006R01605	44000	\$0.0097	\$426.80	MVS
XEROX AltaLink B8155	Mono	006R01771	52000	\$0.0038	\$197.60	MVS
XEROX AltaLink C8030	Black	006R01697	26000	\$0.0080	\$208.00	MVS
XEROX AltaLink C8030	Color	006R01698, 006R01699, 006R01700	14000	\$0.0444	\$207.20	MVS

Budget Guidelines 2023-25 Biennium**April 22th, 2022****Page 15 of 15**

XEROX AltaLink C8070	Black	006R01697	26000	\$0.0080	\$208.00	MVS
XEROX AltaLink C8070	Color	006R01698, 006R01699, 006R01700	14000	\$0.0444	\$207.20	MVS
XEROX Nuvera® 288 EA Perfecting Production System	Mono	006R001261	20400 0	\$0.0025	\$510.00	MVS
XEROX Versant 180 Press with EFI Fiery Controller	Black	006R01642	20000	\$0.0199	\$398.00	MVS
XEROX Versant 180 Press with EFI Fiery Controller	Color	006R01643, 006R01644, 006R01645	22000	\$0.0609	\$446.60	MVS
XEROX Versant 80 Press with FreeFlow Print Server	Black	006R01642	20000	\$0.0199	\$398.00	MVS
XEROX Versant 80 Press with FreeFlow Print Server	Color	006R01643, 006R01644, 006R01645	22000	\$0.0609	\$446.60	MVS
XEROX WorkCentre 3615	Mono	106R02722	14100	\$0.0134	\$188.94	MVS
XEROX WorkCentre 3655S	Mono	106R02740	25900	\$0.0058	\$150.22	MVS