



OFFICE OF THE DIRECTOR OF PUBLIC PROSECUTIONS

RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR SERVER

ITEM	REQUIREMENT	Bidder's Compliance/ Comments
Processor Name	<i>Intel</i>	
Processor family	<i>Intel® Xeon® Scalable Platinum 8100/8200 series Intel® Xeon® Scalable 6100/6200 series Intel® Xeon® Scalable 5100/5200 series Intel® Xeon® Scalable 4100/4200 series Intel® Xeon® Scalable 3100/3200 series</i>	
Number of processors	<i>2</i>	
Processor core	<i>24</i>	
Processor speed	<i>3.8 GHz/2.7 GHz</i>	
Power supply	<i>2 Flexible Slot power supplies, hot swappable</i>	
Expansion slots	<i>8</i>	
Minimum memory	<i>128GB</i>	
Memory slots	<i>24</i>	
Memory type	<i>DDR4 Smart Memory and E DC Persistent Memory</i>	
Network controller	<i>E 1 Gb 331i Ethernet adapter 4-ports per controller and/or optional E FlexibleLOM</i>	
Storage controller	<i>1 E Smart Array S100i and/or 1 E Smart Array P408i-a and/or 1 E Smart Array P816i-a and/or 1 E Smart Array E208i-a,</i>	
Network	<i>4 x 1Gb ports shipping standard with optional FlexibleLOM 1 FlexibleLOM slot available on stand up card)</i>	
Drive bays	<i>Minimum 16 SFF SAS/SATA with optional second drive cage</i>	
Hard drives	<i>16* SAS 2.4TB hot swappable hard disk with Raid support</i>	
Graphics	<i>Integrated video standard: Video modes At least 1920 x 1200 @ 60Hz (32bpp) (16MB Video Memory)</i>	
Form Factor	<i>Rack (2U)/(3U)</i>	
Additional features	<i>Minimum Four (4) Universal Serial Bus (USB) 2.0, 20" LED Backlit LCD monitor with a USB keyboard and USB optical mouse</i>	
System Fans	<i>4 Standard Fans.</i>	
Warranty -Years parts/labor/ onsite	<i>3/3/3 - Server Warranty includes three years of parts, three years of labor, three years of onsite support coverage.</i>	

MANDATORY TECHNICAL REQUIREMENTS

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2. Bidder SHALL submit Manufacturers Authorizations letter & Warranty , attesting conformity to specification requested. The manufacturer's Authorization letter should be on a letterhead signed and stamped by Manufacturer. ODPP will confirm authenticity of the same.
3. Bidder SHALL provide a details of experience and past performance on works of a similar nature within the past three years by attaching atleast three (3) LPOs or Contracts and also provide three reference letters. . ODPP will confirm authenticity of the same.
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RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR ROUTERS

ITEM	REQUIREMENT	Bidder's Compliance/Comments
CPU	AL73400 2 GHz	
CPU architecture	ARM 64bit	
CPU core count	16	
Size of RAM	16 GB	
RAM type	DDR4	
Storage	128 MB, NAND	
Number of 1G Ethernet ports	13	
Number of 10G SFP+ ports	4	
Number of M.2 slots	1	
Operating system	Router OS (License level 6)	
Switch chip model	98DX3255	
Dimensions	443 x 199 x 44 mm	
Operating temperature	-20°C to +60°C	
Number of AC inputs	2	
AC input range	100-240 V	
Power adapter nominal voltage	12 V	
Power adapter nominal current	10.8 A	
Max power consumption (without attachments)	60 W	
Max power consumption	72 W	
Manufacturer Warranty	3-year warranty	

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RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR DESKTOP COMPUTER

ITEM	REQUIREMENTS	Bidder's Compliance/Comments
Operating system	Activated Windows 11 pro	
Processor family	13th Generation Intel® Core™ i5 processor	
Processor	Intel® Core™ i5-1335U (At least 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 Gen)	
Graphics	Integrated,	
Memory	8 GB DDR4-3200 MT/s (1 x 8 GB)	
Memory Slots	2 SODIMM	
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD	
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 99%	
Color gamut	99% sRGB	
Wireless	Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data)	
Network interface	Integrated 10/100/1000 GbE LAN	
Form factor	All-in-One	
Keyboard	125 USB Black Wired Keyboard	
Camera	True Vision 720p HD tilt privacy camera with temporal noise reduction and integrated dual array digital microphones	
Audio	Dual 2 W speakers	
Pointing device	125 USB Black Wired Mouse	
Expansion slots	2 M.2 (1 for SSD, 1 for WLAN)	
Ports	Rear 1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 headphone/microphone combo; 1 RJ-45	
Video connectors	1 HDMI-out 1.4	
Power supply type	90 W Smart AC power adapter	
Softwares	Activated Ms office 2019	
Manufacturer Warranty	3-year warranty	

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RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR LAPTOP COMPUTER

ITEM	REQUIREMENTS	Bidder's Compliance/Comments
Operating system	Activated Windows 11 pro	
Processor family	Intel® Core™ Ultra 7 processor	
Processor	Intel® Core™ Ultra 7 155U (At least 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14	
Graphics	Integrated,	
Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)	
Memory Slots	2 SODIMM	
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD	
Display	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100%	
Display	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100%	
Touchscreen	No	
Color gamut	100% sRGB	
Brightness	400 nits	
Battery type	Long Life 3-cell, 56 Wh Li-ion polymer	
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card	
Keyboard	Premium Keyboard – spill resistant, backlit keyboard	
Camera	5 MP camera with integrated dual array microphones	
Camera	5 MP camera	
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones	
Ports	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo	
Power	65 W USB Type-C™	
Fingerprint reader	Fingerprint sensor	
Input devices	Hall Sensor; Thermal sensor; Adaptive color sensor; Tamper Lock	
Softwares	Activated Ms office 2019	
Manufacturer Warranty	3-year warranty	

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RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR COLOR PRINTER

ITEM	REQUIREMENTS	Bidder's Compliance/Comments
Functions	Print, copy and scan,	
First page out black (A4, ready)	As fast as 9.5	
First page out color (A4, ready)	As fast as 11.0	
Duplex printing	Manual (driver support provided)	
Duty cycle (monthly, letter)	At least 50,000	
Duty cycle (monthly, A4)	At least 50,000	
Recommended monthly page volume	750 to	
Print quality black (best)	600 x 600 dpi, At least 38,400 x 600 enhanced dpi	
Print quality color (best)	600 x 600 dpi, At least 38,400 x 600 enhanced dpi	
Print languages	PCL 6, PCL 5e, postscript level 3 emulation, PDF, URF, Native Office, PWG Raster	
Print technology	Laser	
Connectivity, standard	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE) 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio	
Mobile printing capability	Smart App; ePrint; AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing; Google Cloud	
Network capabilities	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x	
Wireless capability	Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy	
Minimum System Requirements for Macintosh	2 GB available hard disk space, Internet connection or USB port, for additional OS hardware requirements see	
Minimum System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser, for additional OS hardware requirements see	
Digital sending standard features	Scan to email with LDAP email address lookup; Scan to network folder; Scan to USB; Scan to Microsoft SharePoint®; Scan to computer with software; Fax archive to network folder; Fax archive to email; Fax to computer; Enable/disable fax; Quick Sets	
Display	10.92 cm (4.3 in) intuitive touchscreen Colour Graphic Display (CGD)	
Processor speed	1200 MHz	
Maximum Memory	512 MB NAND Flash, 512 MB DRAM	
Memory	512 MB NAND Flash, 512 MB DRAM	
Compatible Operating Systems	Windows Client OS (32/64-bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, ® macOS Sierra v10.12, ® macOS High Sierra v10.13, ® macOS Mojave v10.14, Discrete PCL6 Printer Driver, for more information on the supported operating systems go to , enter your product name and search, click on User Guides and enter your product name and search for User Guide, search for your (Product Name) User Guide, search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, for more information on the supported operating systems see	
Paper handling input, standard	50 sheet multipurpose tray, 250 sheet input tray, 50 sheet Automatic Document Feeder (ADF)	
Paper handling output, standard	150 sheet output bin	
Paper handling input, optional	Optional 550 sheet tray	

Finished output handling	Sheetfeed	
Media types	Paper (bond, brochure, coloured, glossy, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes	
Media sizes supported	Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); Postcards (JIS single, JIS double); Envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); Postcards (JIS single, JIS double)	
Media sizes, custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 100 x 148 to 216 x 356 mm	
Scanner type	Flatbed, ADF	
Scan file format	PDF; JPG; TIFF	
Enhanced scanning resolution	At least 1200 x 1200 dpi	
Scan resolution, optical	At least 1200 x 1200 dpi	
Scan size (ADF), maximum	216 x 356 mm	
Scan size (ADF), minimum	102 x 152 mm	
Scan size, maximum	216 x 297 mm	
Scan speed (normal, A4)	At least 29 ppm/46 ipm (black and white), At least 20 ppm/35 ipm (colour)	
Scan speed duplex (normal, A4)	At least 46 ipm (black and white), At least 34 ipm (colour)	
Automatic document feeder capacity	Standard, 50 sheets uncurled	
Duplex ADF scanning	Yes	
Scan technology	Contact Image Sensor (CIS)	
Copy speed (black, normal quality, A4)	At least 27	
Copy speed (color, normal quality, A4)	At least 27	
Copy resolution (black text)	At least 600 x 600 dpi	
Copy resolution (color text and graphics)	At least 600 x 600 dpi	
Copies, maximum	At least 999 copies	
Copy reduce / enlarge settings	25 to 400%	
Copier settings	ID Copy; Number of copies; Resize (including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Best); Save Current Settings; Restore Factory Defaults	
Faxing	Yes	
Fax Transmission Speed	33.6	
Fax Resolution Black (best)	At least 300 x 300 dpi (halftone enabled)	

Fax Broadcast Locations	119	
Fax memory	At least 400 pages	
Fax Speed Dials, Maximum Number	At least 120 numbers	
Power	220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)	
Energy savings feature technology	Auto-On/Auto-Off Technology; Instant-on Technology	
Safety	IEC 60950-1:2005+A1:2009+A2:2013/EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013; IEC 60825-1:2014/EN 60825-1:2014 (Class 1 Laser/LED Product); IEC 62479:2010/EN 62479:2010	
Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control, 802.1x authentication (EAP-TLS, and PEAP), authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP; Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with optional JetAdvantage Security Manager, IPPS	
Manufacturer Warranty	3-year warranty	

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RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR TABLET

ITEM	REQUIREMENTS	<i>Bidder's Compliance/Comments</i>
Processor	M4	
Finish	Space Grey	
Resolution	2752-by-2064-pixel resolution at 264 ppi	
GPU	10-core GPU	
Size	13 inches	
Capacity	256GB	
Camera	720p HD video recording at 30 fps	
Buttons and Connectors	Four speaker audio	
In the Box	USB-C Charge Cable (1 meter)	
Display	Pencil Pro	
Chip	Models with 1TB storage:	
Camera	12MP Wide camera, <i>f</i> /1.8 aperture	
Video Recording	4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps	
TrueDepth Camera	Landscape 12MP Ultra Wide camera	
Video Calling	FaceTime video	
Audio Calling	FaceTime audio	
Speakers	Four speaker audio	
Microphones	Studio-quality four-mic array for calls, video recording, and audio recording	
Cellular and Wireless	Wi-Fi + Cellular models	
SIM Card	eSIM	
Location	Wi-Fi + Cellular models	
Sensors	Face ID	
Face ID	Enabled by TrueDepth camera for facial recognition	
Siri	Use your voice to send messages, set reminders, and more	
Charging and Expansion	Thunderbolt / USB 4 port with support for:	
Display Support	Thunderbolt 3 digital video output	
Power and Battery	Built-in 38.99-watt-hour rechargeable lithium-polymer battery	
Built-in Apps	Magnifier	
Free Apps	Pages, Numbers, Keynote, iMovie, GarageBand, Clips, and Store app	
System Requirements	ID (required for some features)	
Video Playback	Supported formats include HEVC, H.264, AV1, and ProRes	
Audio Playback	Supported formats include AAC, MP3, Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos	
Mail Attachment Support	.jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics; .usdz; .pkpass (Wallet)	
Magic Keyboard	Magic Keyboard with touchpad	
Warranty	3-year warranty	

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Example Document Only
this should be used as reference material only

RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR MEDIUM DUTY SCANNER

ITEM	REQUIREMENTS	Bidder's Compliance/Comments
Scanner type	Flatbed, ADF	
Digital sending standard features	Scan to e-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL	
Scan resolution, optical	At least 600 ppi	
Scan resolution, hardware	At least 600 ppi	
Enhanced scanning resolution	At least 600 ppi	
Duty cycle (daily)	Recommended daily duty cycle: 10,000 pages	
Bit depth	24-bit (external), 30-bit (internal)	
Automatic document feeder scan speed	At least 100 ppm/200 ipm (black and white); At least 100 ppm/200 ipm	
Scan size (ADF), maximum	216 x 356 mm; At least 216 x 864 mm when "long scan size" selected	
Scan size, maximum	216 x 356 mm	
Scan size (ADF), minimum	68 x 148 mm	
Scan size, minimum	216 x 356 mm	
Automatic document feeder capacity	Standard, 150 sheets at 75 g/m ²	
Duplex ADF scanning	Yes	
Scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); For Scan: PDF, JPEG, PNG, BMP, TIF, Text (.txt), Rich text (.rtf), Searchable PDF (.pdf), PDF/A (.pdf); For Easy Scan: TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT; For Linux: JPEG, PDF, PNG, PNM, PostScript, TEXT, TIFF	
Scan input modes	Front panel applications: E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXF) applications; Software scan using Scan Software; User application via TWAIN (32/64-bit), ISIS, WIA or Kofax VirtualRescan (VRS) Professional drivers	
Color scanning	Yes	
Levels of grayscale	256	
Image scaling or enlargement range	25 to 400% in 1% increments (flatbed)	
Scan technology	Charge Coupled Device (CCD) Flatbed; Contact Image Sensor (CIS) ADF	
Scanning options (ADF)	Single-pass duplex	
Multifeed detection	Yes	
Output resolution dpi settings	75, 150, 200, 300, 400, 600, 1200	
Light source (scanning)	LED	

Photographic format types	Photos up the maximum size supported by the flatbed scanner. does not recommend feeding photos through the ADF. Slide and negative scanning are not supported.	
Document weight ADF (maximum)	199 g/m ²	
Document weight ADF (minimum)	45 g/m ²	
Media size (ADF)	Executive, Statement, A4, A5, A6, RA4, B5, B6, 100 x 150 mm, 16K (195 x 270 mm), 16K (184 x 260 mm), 16K (197 x 273 mm), Postcard JIS, D Postcard JIS, Oficio (216 x 340 mm)	
Media types	ADF: Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper; Flatbed: All ADF Media, Envelopes, Labels, Cards, Books	
Media weights, supported ADF	45 to 199 g/m ²	
Scanner advanced features	Auto exposure, Auto threshold, Auto detect color, Background smooth/removal, Auto detect size, Straighten content, Enhance content, Multi-streaming, Auto feed, Multi-feed detection sensor, Auto orient, Multi-color dropout, Channel color dropout, Edge erase, Resize page, Delete blank page, Merge pages, Hole fill, PDF permissions, Document separation (Blank page, Barcode, Zonal barcode, Zonal OCR)	
Compatible Operating Systems	Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS Mac OS 10.12 Sierra, OS X 10.11 El Capitan, OS X 10.10 Yosemite, UNIX, Windows 10 all 32/64-bit editions (excluding RT OS for Tablets), Windows 7 all 32/64-bit editions, Windows 8/8.1 all 32/64-bit editions (excluding RT OS for Tablets), Windows XP all 32/64-bit editions (excluding RT OS for Tablets)	
Mac compatible	Yes	
Twain version	Windows: 32-bit and 64-bit TWAIN version 2.1; Mac: n/a	
Processor speed	1.2 GHz	
Internal Storage	Standard, 500 GB, High Performance Secure Hard Disk	
Memory	3584 MB (2560 MB on primary board, 1024 MB on scanner processor)	
Software included	browser, Mac OS Welcome Screen (Directs users to or OS App Source for printer software), Online user manuals. Network TWAIN (32-bit and 64-bit), and USB TWAIN (32-bit and 64-bit) solution, WIA, Kofax VRS Pro	
Connectivity, standard	10/100/1000 Ethernet; 1 Hi-Speed USB Host (rear); 1 Hi-Speed USB Host (walk-up); 1 Hardware Integration Pocket (HIP) Hi-Speed USB; 1 USB-Device Port (Rear)	
Connectivity, optional	Jetdirect 2900nw Print Server J8031A	
Network ready	Standard (built-in Gigabit Ethernet)	
Ports	10/100/1000 Ethernet; 1 Hi-Speed USB Host (rear); 1 Hi-Speed USB Host (walk-up); 1 Hardware Integration Pocket (HIP) Hi-Speed USB; 1 USB-Device Port (Rear)	
Network protocols, supported	Via built-in networking solution: TCP/IP, IPv4, IPv6; Scan: Network TWAIN, WebScan (eSCL); DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x	
Power	Input voltage: 220 to 240 VAC, 50 Hz	
Control panel	XGA 1024 x 768 mm LCD display; Light touch technology that supports gesture based interactions; Screen brightness-adjustment control; Home icon for quick return to the UI Home Screen; Virtual keyboard and a physical keyboard	
Security management	Network: IPsec/Firewall (Certificate, Pre-Shared Key and Kerberos Authentication), Certificates, Access Control List, TLS (TLS 1.0/TLS 1.1 and TLS 1.2); Data: HTTPS, IPP over TLS, WS over TLS; Device: Encrypted Credentials (private key), Management security: SNMPv3, HTTPS, WS over TLS; Device configuration information; Management security: SNMPv3, HTTPS, WS over TLS; FutureSmart Security: Kerberos, LDAP, 1000-user PIN, Control Panel Lock, optional and 3rd party Advanced Authentication Solutions (e.g., badge readers), Encrypted hard disk (AES128 or better), Encrypted PDF (uses FIPS 140 validated cryptographic module from Microsoft®), Encrypted Email, Secure File and Disk Erase, Security lock slot, USB port disablement, HIP pocket for security solutions, Sure Start, intrusion detection, whitelisting; Management: Fleet Management with Web Jetadmin, Digital Sending Software, Embedded Web Server, Administration Application through Front Panel, Import/Export (pins, local address book, speed dials), Support for WJA-10 IPsec Configuration using IPsec Plug-in	

Package dimensions (W x D x H)	599 x 396 x 731 mm	
Package weight	20.28 kg	
Ecolabels	ENERGY STAR® 3.0 certified	
Energy star certified	Yes	
Electromagnetic compatibility	CISPR 22:2008 (International) - Class A, CISPR 32:2012 (International) - Class A, EN 55032: 2012 (EU) - Class A, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU; Other EMC approvals as required by individual countries	
Safety	IEC 60950-1:2005+A1:2009 +A2:2013 (International); EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013+AC:2011 (EU); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); Other safety approvals as required by individual countries	
Manufacturer Warranty	3-year warranty	

MANDATORY TECHNICAL REQUIREMENTS

25. Bidder SHALL submit catalogues and brochures containing technical data as provided in the technical specifications. Bidders MUST circle/Highlight brochures to show conformity with Technical specifications.
26. Bidder SHALL submit Manufacturers Authorizations letter & Warranty , attesting conformity to specification requested. The manufacturer's Authorization letter should be on a letterhead signed and stamped by Manufacturer. ODPP will confirm authenticity of the same.
27. Bidder SHALL provide a details of experience and past performance on works of a similar nature within the past three years by attaching atleast three (3) LPOs or Contracts and also provide three reference letters. . ODPP will confirm authenticity of the same.
28. Bidders MUST indicate either a 'Yes' or 'No' against each specification in the 'Bidder Response' column. Responses in a different format will not be accepted.

RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR HEAVY DUTY SCANNER

ITEM	REQUIREMENTS	<i>Bidder's Compliance/Comments</i>
Type	A3 Desktop Type Sheet Fed Scanner	
Scanning sensor unit	CIS	
Optical resolution	600dpi	
Light source	RGB LED	
Scanning side	Simplex, Duplex, Skip blank pages	
Interface	USB 3.1/ Wired LAN	
Power requirements	AC 220-240V (50/60Hz)	
Power Consumption	Scanning: 66.5 W Sleep mode: 3.5 W or less	
Noise	54 dB	
Environmental compliance	EPEAT Gold certified*	
Black and White	145ppm/290ipm (A4, Landscape, 200dpi/300dpi)	
Colour	145ppm/290ipm (A4, Landscape, 200dpi/300dpi)	
Output resolution	150 x 150dpi, 200 x 200dpi, 240 x 240dpi, 300 x 300dpi, 400 x 400dpi, 600 x 600dpi	
Output mode	Detect Automatically, Black and White, Error Diffusion, Active Threshold, Advanced Text Enhancement, Advanced Text Enhancement II, 256-level Grayscale, 24-bit Colour	
Suggested Daily Duty Cycle	From 70,000 further scans/day	
Width	50.8 - 305 mm	
Length	70 - 432 mm	
Thickness	Continuous Feeding: 20 - 209g/m ² , 0.04 - 0.25 mm Non-Separation Mode: 20 - 255g/m ² , 0.04 - 0.03 mm	
Long document mode	5,588mm max	
Paper separation	Retard Roller and Pre-separation method	
Feeder capacity	500 sheets	
Others	Barcode Recognition, 2D Code, Patch Code, Job Function, Ultrasonic Double-Feed Detection, Staple Detection, Dropout and Color Enhancement, Auto Page Size Detection, 3-D Color Correction, Image Rotation, Skip Blank Page, Edge Emphasis, Moiré Removal, Prevent Bleed Through / Remove Background, Contrast Adjustment, Shading Correction, Brightness Adjustment, Deskew, Border Removal, Scanning Side Selection, Scan Area Settings, Addon Settings, Text Orientation Recognition, Punch Hole Removal, Folio Scan, Unnecessary dots removal, Notch removal, Background Smoothing, Character Emphasis, Rapid Recovery System, MultiStream™	

Windows	ISIS Driver, TWAIN Driver (32/64bit), WIA Driver, Kofax VRS Driver CaptureOnTouch Pro Driver Setting Tool DR Management Tool, (by download only)	
Manufacturer Warranty	3-year warranty	

MANDATORY TECHNICAL REQUIREMENTS

29. Bidder SHALL submit catalogues and brochures containing technical data as provided in the technical specifications. Bidders MUST circle/Highlight brochures to show conformity with Technical specifications.
30. Bidder SHALL submit Manufacturers Authorizations letter & Warranty , attesting conformity to specification requested. The manufacturer's Authorization letter should be on a letterhead signed and stamped by Manufacturer. ODPP will confirm authenticity of the same.
31. Bidder SHALL provide a details of experience and past performance on works of a similar nature within the past three years by attaching atleast three (3) LPOs or Contracts and also provide three reference letters. . ODPP will confirm authenticity of the same.
32. Bidders MUST indicate either a 'Yes' or 'No' against each specification in the 'Bidder Response' column. Responses in a different format will not be accepted.

RECOMMENDED MINIMUM TECHNICAL SPECIFICATIONS FOR INTERNAL SSD HARD DISK

ITEM	REQUIREMENT	Bidder's Compliance/ Comments
Storage Capacity	512GB	
Read speeds	up to 550MB/s	
Interface	2.5" SATA III (6Gb/s)	
Shock Resistant	1500G, duration 0.5ms, Half Sine Wave	
Vibration Resistant:	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)	
Warranty	Three-year limited warranty	

*Example Document Only
this should be used as reference material only*