



NATIONAL ROAD FUND AGENCY

ADDENDUM 1

22nd March, 2021

TENDER NO. NRFA/ORD/023/2021 : FOR THE SUPPLY AND DELIVERY OF LAPTOPS

ALL BIDDERS

Kindly take note of the following clarifications:

1. The tender was divided in 2 Lots as follows:

No	Description	Quantity	Delivery Schedule
Lot 1			
1	Supply and Delivery of Laptops	21	4 - 8 weeks
The quantity for Laptops is Twenty One (21) and not Nineteen (19)			
Lot 2			
1	Supply and delivery of Three (3) in 1 Printers	2	4 - 8 weeks
2	Supply and delivery of Telephone Extension	1	4 - 8 weeks
Specifications for Printers and telephone extension have been attached			

2. Bidders are expected to bid for full quantities in a Lot in order to be considered responsive. Bidders not bidding for the full quantities shall be deemed non responsive and their bids shall be rejected.
3. The closing date for bid submission is Friday 16th April 2021 at 10:00hrs local time.
4. All other instructions and conditions remain the same.

5. Below are the specifications for Printers and Telephone extensions:

LOT 2 : SPECIFICATIONS FOR PRINTERS AND EXTENSION CABLES

TELEPHONE EXTENSION SPECIFICATIONS

No	ITEM	QTY
1	i. Make: Panasonic or equivalent ii. Model: KX-TDA0174 iii. Ports: 16 Port Single Line Extension Card	01
2	Amphenol Cable	01 Meter
3	UTP Cable	01 Roll
4	Telephone wall Jack	02
5	Telephone Line cable	2 meters
6	Telephone handset Panasonic KX-TS880	01
7	Installation of Telephone expansion card and handset	N/A

NB: A specific expansion card has been specified as it the card that is compatible with the Panasonic KX-TDA200 PBX currently in use for the NRFA Telephone Extension System.

3 IN 1 PRINTER SPECIFICATIONS

Device features	
Recommended Monthly Print Volume	750 - 4,000 pages per month
Duty cycle	Max. 80,000 pages per month
Processor Speed	800MHz x 2
Memory	At least 1GB
Control Panel	12.7 cm LCD Colour Touch Screen
Weight	At most 17.5 Kg
Operating Environment	Temperature: 10 to 30°C (50 to 86°F) Humidity: 20 to 80% RH (no condensation)
Power Source	220-240V(±10%) 50/60Hz (±2Hz)
Power Consumption	Maximum: Approx. 1,300 W Standby: Approx. 10 W Sleep mode: Approx. 0.9 W Typical Electricity Consumption (TEC): 1.2 kWh/week (230V)
Printer	
Print speed	Single sided : Up to 38 ppm (A4); Up to 63.1 ppm (A5-Landscape) Double sided : Up to 30.3 ipm (A4)
Printing method	Monochrome laser beam printing
Print quality	Up to 1200 x 1200 dpi
Print Resolution	600 x 600 dpi
Warm-up Time	Approx. 14 seconds or less from power on
First Print Out Time	Approx: 5.5 seconds or less
Printer languages	UFRII, PCL 5e2, PCL6, Adobe® PostScript
Fonts	45 PCL fonts 136 PostScript fonts
Print margins	5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope)
Toner saver mode	Yes

Advanced printing features	Secure Print Print from USB memory key (JPEG/TIFF/PDF) Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android; Mopria certified, Canon PRINT Business app
Copier	
Copy Speed	Single sided (A4): Up to 38 ppm Double sided (A4): Up to 30.3 ipm
First Copy Output Time (FCOT)	ADF (A4): Approx. 6.6 seconds or less Platen (A4): Approx. 6.4 seconds or less]
Copy resolution	Up to 600 x 600 dpi
Copy modes	Text, Text/Photo (Default),Text/Photo (High Quality), Photo
Double sided copying	2-sided to 2-sided (Automatic)
Multiple Copy	Up to 999 copies
Reduction/Enlargement	25-400% in 1% increments
Scanner	
Type	Colour
Scan Resolution	Optical: Up to 600 x 600 dpi Enhanced: Up to 9600 x 9600 dpi
Scan speed	Single sided mono: 38ipm (300x600dpi) Single sided colour: 13ipm (300x600dpi) Double sided mono: 70ipm (300x600dpi) Double sided colour: 26ipm (300x600dpi)
Colour scanning depth	24 bit/24 bit (input/output)
Greyscales	256 levels
Compatibility	TWAIN , WIA, ICA
Max. scan width	216mm
Scan to E-mail / PC / USB memory key / FTP	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
Scan to Cloud	TIFF/JPEG/PDF/PNG

Media handling	
Scanner Type	Platen, 2-sided ADF (single pass)
Paper input (Standard)	250-sheet cassette 100-sheet multi-purpose tray 50-sheet ADF
Paper input (Option)	550-sheet cassette
Paper output	150-sheet
Media types	Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Post card, Envelope
Media sizes	Cassette (Standard and optional): A4, A5, A5 (Landscape), A6, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Custom sizes: Min. 105 x 148 mm Max. 215.9 x 355.6 mm. Multi-purpose tray: A4, A5, A5 (Landscape), A6, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Indexcard, Envelope (COM10, Monarch, C5, DL), Custom sizes: Min 76.2 x 127 mm Max. 215.9 x 355.6 mm. ADF: A4, A5, A6, B5, Legal, Letter, Statement, Custom sizes: Min. 105 x 128 mm Max 215.9 x 355.6 mm
Media weights	Cassette (standard and optional): 52 to 120 g/m ² Manual purpose tray: 52 to 163 g/m ² ADF: 50 to 105 g/m ²
Double Sided Printing	A4, Legal, Letter, OFFICIO, B-OFFICIO, M-OFFICIO, GLGL, Foolscap Custom size - Min. 210 x 279.4 mm Max. 215.9 x 355.6 mm 60 to 120 g/m ²
Interface & Software	
Interface type	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection
Operating Systems Compatibility	Windows® 10 / Windows® 8.1 / Windows® 7 /

	<p>Server® 2016 / Server® 2012R2 / Server® 2012 / Server® 2008R2 / Server® 2008</p> <p>Mac OS X version 10.8.5 & up</p> <p>Linux⁸</p>
Network protocols	<p>TCP/IP Application Services: Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4,IPv6) DHCP, ARP+PING, Auto IP, WINS (IPv4) DHCPv6 (IPv6)</p> <p>Management: SNMPv1, SNMPv3 (IPv4,IPv6)</p> <p>Security (wired): IP/Mac address filtering, IEEE802.1X, SNMPv3, SSL (HTTPS, IPSS)</p> <p>Security (wireless): WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(AES)</p>
Software and printer management	<p>MF Scan Utility, Remote User Interface (RUI), Department ID Management, Toner Status Tool, iW Management Console: Server-based software for centralised management of a fleet of devices eMaintenance: embedded RDS allows remote eMaintenance services such as meter capture, automatic consumables management and remote diagnostics.</p>

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 NATIONAL ROAD FUND AGENCY