

Procuremet of Supply and Delivery of I.T. Equipment and Software Applications

Lot 1

1					
Latest Licensed Software Applications	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.		
	At least Latest (Word processing, spreadsheet & slides presentation) for Business.	65		One time payment	
Software applications					
	Without annual fees subscriptions. With CD key.				
	Compatible with Windows and Mac Operating System				
2					
Latest Licensed Software Applications	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:					
	At least Latest (Word processing, spreadsheet, slides presentation, and access) Professional	1	Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
Software applications					
	Without annual fees subscriptions. With CD key.				
	Compatible with Windows and Mac Operating System				
3					
Uninterruptible Power Supply (UPS)	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.		
Output Power Capacity	At least 325 Watts / 625 VA	35		One time payment	
Max Configurable Power	At least 325 Watts / 0 VA				
Nominal Output Voltage	At least 230V				
Nominal Input Voltage	At least 230V				
Input Frequency	At least 45 - 65 Hz				
Input voltage range for main operations	At least 151 - 299V				
Battery Type	Maintenance-free sealed Lead-Acid battery				
Typical recharge time	At least 6 hours				
Warranty	At least 1 Years Warranty				
4					
Projector	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.		
Projection System	At least 3LCD Technology, RGB liquid crystal	1		One time payment	
LCD Panel	Yes				
Image					
Colour Light Output	At least 5,500 Lumen- 3,800 Lumen				
White Light Output	At least 5,500 Lumen - 3,800 Lumen				
Resolution	At least XGA, 1024 x 768, 4:3				
Aspect Ratio	At least 0.16875				
Contrast Ratio	At least 15,000 : 1				
Light source	At least Lamp				
Lamp	At least 300 W, 5,000 h durability, 10,000 h durability (economy mode)				
Colour Processing	At least 10 Bits				
Colour Reproduction	At least upto 1.07 billion colours				
Optical					
Projection Ratio	At least 1.38 - 2.24:1				
Zoom	At least Manual, Factor: 1 - 1.6				
Image Size	At least 30 inches - 300 inches				
Projection Distance Wide	At least 0.8 m (30 inch screen)				
Projection Distance Tele	At least 8.5 m (300 inch screen)				
Projection Lens F Number	At least 1.51 - 1.99				
Focal Distance	At least 18.2 mm - 29.2 mm				

Connectivity					
Interfaces	At least USB 2.0 Type A, USB 2.0 Type B, RS-232C, Wired Network, Gigabit ethernet interface, Wireless Network (optional), VGA in (2x), VGA out, HDMI in (2x), Composite in, RGB in (2x), RGB out, MHL, Stereo mini jack audio out, Stereo mini jack audio in.				
Warranty	At least 1 year				
5					
Flatbed Scanner	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and completely installed		
Scanner	Specifications	3	within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
Scanner Type	At least Flatbed color document scanner				
Optical Resolution:	At least Flatbed: 1200 dpi, ADF: 600 dpi				
Hardware Resolution:	At least Flatbed: 1200 x 1200 dpi, ADF: 600 dpi				
Color Bit Depth:	At least RGB x 30-bit internal / external				
Grayscale Bit Depth:	At least 8-bit per pixel internal / external				
Optical Sensor:	At least Contact Image Sensor (CIS)				
Maximum Scan Area:	At least Flatbed: 8.5" x 11.7", ADF: 8.5" x 14"				
Scanning Speed:	At least 25 ppm simplex, 10 ipm duplex (300 dpi, Black-and-White, Grayscale, Color)				
Automatic Document Feeder:					
Capacity	At least 50 sheets				
Standard Connectivity:	At least USB 3.0				
Waranty	At least 1 year				
6					
Reporting software. (Individual user or Small Business)	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and completely installed		
Number of employees:	At least 1 employee creating reports	1	within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
	At least 5 recipients receiving 5 reports distributed manually (both numbers are unlimited)				
	Solutions allow the user to implement an Intelligent Enterprise by combining analysis, business intelligence, decision support and pixel-perfect reporting.				
7					
Statistics Software	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
Latest Statistics Software Base	Single-user, desktop application for Windows and Macs. Includes 12 months of technical support.	1	Delivered and completely installed		
	Read/write text, Excel, SAS, and more; no size limits		within forty-five (45) calendar days from receipt of the Notice to	One time payment	
	Descriptive statistics, data prep, and graphing				
	Programmability/extensibility; supports R/Python				
	Bivariate statistics procedures, factor and cluster analysis				
	Linear and ordinal regression				
	Basic reporting with export to Microsoft/PDF				
8					
Statistics Software	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
Latest Statistics Software Premium	Single-user, desktop application for Windows and Macs. Includes 12 months of technical support.	1			
	Read/write text, Excel, SAS, and more; no size limits		Delivered and completely installed	One time payment	
	Descriptive statistics, data prep, and graphing				
	Programmability/extensibility; supports R/Python				
	Bivariate statistics procedures, factor and cluster analysis		within forty-five (45) calendar days from receipt of the Notice to Proceed.		
	Linear, non-linear, ordinal, logistic and 2SLS regression				
	Drag and drop interactive tables with export to Microsoft/PDF				
	Generalized linear modeling and survival analysis				
	Bayesian Statistics, advanced data preparation, decision trees and forecasting				
	Single/multiple missing value imputation				
	Exact tests, complex sampling, bootstrapping, SEM				
9					
Print, Scan, Copy, Fax	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL			Delivered and		

SPECIFICATION:			completely		
Printer		2	installed	One time payment	
Printing Speed	At least 15 pages/min Monochrome, 8 pages/min Colour		within forty-five		
Duplex Printing Speed	At Least 6.5 A4 pages/min Monochrome, 4.5 A4 pages/min Colour		(45) calendar		
Colours	At least Black, Cyan, Yellow, Magenta		days from		
Scan			receipt of the		
Single-sided scan speed (A4 black)	At least 300 DPI 1.5 msec/line		Notice to		
Single-sided scan speed (A4 Colour)	At least 300 DPI 7 msec/line		Proceed.		
Scanning Resolution	At least 1,200 DPI x 2,400 DPI (Horizontal x Vertical)				
Output formats	At least BMP, JPEG, TIFF, PDF				
Fax					
Type of fax	Black and white and colour fax capability				
Paper /Media Handling					
Number of paper trays	At least 1				
Paper Formats	At least A4, A5, A6, B5, C6 (Envelope), DL (Envelope), No. 10 (Envelope), Letter, 9 x 13 cm, 10 x 15 cm, 16:9, Legal				
Duplex	Yes				
Automatic Document Feeder	At least 30 pages				
Output Tray Capacity	At least 30 Sheets				
multifunction	At least 250 Sheets Standard, 250 Sheets Maximum, 20 Photo Sheets				
Compatible Paper Weight	At least 64 g/m² - 250 g/m²				
Media Handling	Auto Sheet Feeder, Automatic duplex, Borderless print				
Interfaces	USB, Ethernet, WiFi				
Warranty	At least 1 year				
10					
Multi-function photocopiers	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and		
			completely		
General type		10	installed	One time payment	
Engine speed	At least B&W - Letter: 25 ppm, Legal: 12 ppm, Ledger: 12 ppm		within forty-five		
Warm-up time	At least Approx. 21 seconds		(45) calendar		
Input capacity	At least 2 x 500 Sheet Trays, Multi-purpose tray 100 sheets,		days from		
Document feeder/Processor	At least 50 sheets		receipt of the		
Drum and developing unit copy life	At least 300,000 copies per piece		Notice to		
Resolution:	At least 600 x 600 dpi; Fine 1200 dpi		Proceed.		
Memory (RAM):	At least Standard 1 GB, Upgradable to 3 GB				
Hard Disk Drive:	At least Optional (32 GB SSD); Optional (128 GB SSD)				
Duplex unit	At least Standard Stackless Duplex Supports Statement to Ledger				
Paper Size:	At least Trays/MPT: 5.5" x 8.5" - 11" x 17" (Statement to Ledger)				
Copy					
Copy Resolution	At least 600 x 600 dpi				
Image Mode:	At least Text, Photo, Text/Photo, Diagram/Map				
Image adjustments	At least Text + Photo, Photo, Text, Chart/Map, Printed document				
Continuous copy	At least 1 - 999				
Scan					
Scan Speeds (B&W/Color @ 300 dpi):	At least Simplex: 50 ipm; Duplex: 16 ipm				
Scan resolution	At least 600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi				
Max. scan size	At least A4 / Legal				
Original recognition	At least Text, photo, text + photo, light text, optimised for OCR				
File formats	At least TIFF, PDF, PDF (high compression), XPS, OpenXPS, JPEG				
	At least 10/100/1000BaseTX, IEEE				
Connectivity/Supported Protocols:	At least 802.11b/g/n Wireless LAN, Hi-Speed USB 2.0				
Warranty	At least 1 year				
Lot 2					
1					
IP Wireless Radio	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:			Delivered and		
			completely		
SPECTRUM		4	installed	One time payment	
Frequency Range	At least Wide-band operation 5.1 to 5.9 GHz		within forty-five		
Channel Width	At least Dual independent channels, each channel configurable as 10, 20, 40 & 80 MHz		(45) calendar		
INTERFACE			days from		
Ethernet Interface	At least 1 Gigabit Port: Data + PoE power input 1 SFP port (single-mode fiber, multi-mode fiber, and copper Gigabit Ethernet options		receipt of the		
Protocols Used	At least IPv4, IPv6, UDP, TCP/IP, ICMP, Telnet, SNMP, HTTP, FTP		Notice to		
			Proceed.		

MTU	At least up to MAX PACKET SIZE: 1700 Bytes				
Network Management	In-Band management and Out-Band Management				
VLAN	Yes				
PERFORMANCE					
Maximum Deployment Range	At least Up to 122 miles (200 km)				
Latency	At least 3 ms one direction				
LINK					
Antenna	Antenna beam				
Antenna Gain	At least Integrated Flat panel: 23 dBi				
PHYSICAL					
Antenna	At least Connectorized: Single or Dual-polarity antennas using 2xN-type connectors				
Surge Suppression	At least EN61000-4-5: 1.2us/50us, 500 V voltage waveform Recommended external surge suppressor.				
SECURITY					
Encryption	At least FIPS 197 compliant 128-bit AES Encryption				
WARRANTY	At least 1 Year Warranty				
2					
Supporting materials	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:					
Adjustable/Collapsible Extender Pole	At least 15 feet	1	Delivered and completely installed within forty-five (45) calendar days from receipt of the Notice to Proceed.	One time payment	
Pole size	At least Ø 38.1 - 101.6 mm				
Suggested Collapse Length	at least 1.52 meters				
Light Weight	Yes				
Pole Support Accessories	Yes				
Warranty	At least 1 year				
3					
Equipment/Carrying/Transport Case	Specifications	Qty	Delivery Time	Payment mode	Statement of Compliance
MINIMUM TECHNICAL SPECIFICATION:					
Watertight/Crush Proof/Dust Proof	Yes	3	Delivered and completely installed within forty-five (45) calendar days from receipt of the	One time payment	
With Wheel	Yes				
Exterior Dimensions (L X W X D)	At least 39.95" x 23.45" x 28.65" (101.5 x 59.6 x 72.8 cm)				
Bottom Depth	At least 23"				
Body	Hard Plastic (Polypropylene) or Stainless steel hardware				
Internal Foam Support	Yes				
Warranty	At least 1 year				