



## **TECHNICAL SPECIFICATION AND REQUIREMENTS**

### **SUPPLY AND DELIVERY OF THREE (3) UNITS OF COLORED PRINTER**

#### **1. COLORED PRINTER REQUIREMENTS**

- 1.1 Must have multi-functional colored printer with print, copy, scan, and fax.
- 1.2 Must have at least 19 page per minute (ppm) for black print and least 4 ppm speed for color print.
- 1.3 Must have at least 19 page per minute (ppm) for black copy and least 4 ppm speed for color copy.
- 1.4 Must have at least 600 x 600 dots per inch (dpi) print resolution for black and color.
- 1.5 Must have at least 600 x 600 dpi text and graphics for black and color.
- 1.6 Must have a print technology of laser printing.
- 1.7 Must have and support the following printer software features: manual duplex, booklet print, N-up printing, skip blank pages, poster print and watermarks.
- 1.8 Must have a scan technology of Flatbed and Automatic Document Feeder (ADF) / Contact Image Sensor (CIS).
- 1.9 Must have an ADF capacity up to 40 sheets.
- 1.10 Must have at least a screen resolution of 4,800 x 4,800 dpi for hardware and 600 x 600 dpi for optical.
- 1.11 Must have and support the following scan file format: Portable Document Format (PDF), Joint Photographic Experts Group (JPG), and Tag Image File Format (TIFF).
- 1.12 Must front-panel display for scan, copy, and multifunction peripheral.
- 1.13 Must have and support the following scanner features: scan to Web Services for Devices (WSD), book scanning, poster stitching for multiple scan and text conversion.
- 1.14 Must support at least 999 pages for copying a huge number of documents.
- 1.15 Must have a duty cycle of up to 20,000 pages for A4 size and Letter size monthly.
- 1.16 Must have and support the following size: A4, A5, A6, B5, Officio 216 x 340, and Folio.
- 1.17 Must have and support the following media type: Plain, Light, Heavy, Extra Heavy, Colored, Preprinted, Recycle, Labels, Bond, and Glossy.
- 1.18 Must have a standard connectivity of Hi-speed USB 2.0 port, Fast Ethernet 10/100 Base-Tx network port, and wireless that supports 2.4 GHz band Wi-Fi.
- 1.19 Must support the following operating systems: Windows 10 and MacOS.
- 1.20 Must have one (1) year warranty for each printer unit.

#### **2. DELIVERY PERIOD**

- 2.1 The delivery of goods must be completed within 90 calendar days from the receipt of Purchase Order.
- 2.2 The winning bidder shall be subjected to the evaluation by the end-user after the completion of the project.