



Supply, Delivery, and Installation of various ICT Equipment for BAFE Personnel

I. RATIONALE/PURPOSE/OBJECTIVE

The acquisition of ICT goods under this procurement will establish high-end technology devices that will provide a good quality media output. This will also ensure the BAFE ICT infrastructure continuous upgrades. With this, the Bureau of Agricultural and Fisheries Engineering (BAFE) intends to procure the following:

- **COMPUTER LAPTOP (UNIX-BASED).** Laptops are portable computers that are used in everyday office operations. It facilitates document/report preparation and serves as an access tool to online references, and others. Unix-based laptops are designed to behave like the original Unix operating system. This means it follows similar principles and includes features such as multi-user capabilities, multitasking, and a hierarchical file system.
- **BLACK AND WHITE MULTIFUNCTION LASER PRINTER.** This equipment will allow easier printing and duplication of office documents. It is equipped with black-and-white copy, print, scan, and fax functionality to increase document productivity.
- **SHEET FED SCANNER.** Sheet-fed scanners are digital imaging systems specifically designed for scanning loose sheets of paper, widely used by businesses to scan office documents with a high volume of paper.
- **WIRELESS LASER PRESENTER.** A wireless laser presenter is to provide convenient and efficient control over the content being displayed on a screen or projector during a presentation. It also enhances the effectiveness and professionalism of presentations by allowing presenters to control their content seamlessly and interact with the audience more effectively. It is a valuable tool for anyone who frequently delivers presentations, whether in business, education, or other professional settings.
- **PROJECTOR.** A projector is an output device that can take images generated by a computer or Blu-ray player and reproduce them onto a larger screen, wall, or other surface. It works by projecting light through a lens, which magnifies and focuses the image onto the desired surface, creating a larger representation of the content being displayed.
- **COMPACT DOCUMENT SCANNER.** A compact document scanner is essential in converting important documents into digital data.
- **LAPTOP POWER STATION.** Computer laptops are essential and portable ICT equipment. The use of a power station for computer laptops will help





extend their battery life, especially in cases where there are no available AC power sources in the field/venue.

- **FLASH DRIVE.** The flash drive is a small electronic device containing flash memory that is used for storing data or transferring it to or from a computer, digital camera, and the like.
- **DOCUMENT PRINTER.** Print copies of documents for the filling system and physical database specifically for the original copies of permits and certificates issued and for communication letters and other documents generated.

II. APPROVED BUDGET FOR THE CONTRACT (ABC)

The ABC for the Supply, Delivery, and Installation of Various ICT Equipment is **One Million Seven Hundred Forty-Eight Thousand Pesos Only (Php 1,748,000.00)** inclusive of all applicable government taxes and charges, professional fees, and all other costs.

III. PROJECT/DELIVERY SITE

- The project shall cover the **Supply, Delivery, and Installation of Various ICT Equipment.**
- All items shall be supplied and delivered at **BAFE, Sugar Center, Annex II Building Extension, North Avenue, Diliman, Quezon City.**

IV. PRODUCTION AND/OR DELIVERY SCHEDULE

Goods and services shall be delivered within **Ninety (90) calendar days** from the receipt/conformance of the Notice to Proceed (NTP).

V. ITEM SPECIFICATIONS AND COST ESTIMATES

PARTICULAR	QTY	UNIT COST (Php)	TOTAL AMOUNT (Php)
COMPUTER LAPTOP (UNIX-BASED) <ul style="list-style-type: none"> ● At least 8-CPU Core Count; ● At least 8-Core GPU; ● At least 16 Core Neural Engine; ● At least 8GB Memory; ● At least 256GB SSD Storage; ● At least 13 inches Display ● Accessories and Peripherals: at least 30 W power adapter ● 1-year warranty 	12	89,182.50	1,070,190.00





PARTICULAR	QTY	UNIT COST (Php)	TOTAL AMOUNT (Php)
<ul style="list-style-type: none"> • with the user manual and laptop bag • Bundled with proprietary office productivity software (perpetual license) 			
<p>MONOCHROME MULTIFUNCTION LASER PRINTER</p> <ul style="list-style-type: none"> • Print Speed: at least 20 ppm ✓ • Print Resolution: at least 600 x 600 dpi (at normal setting) • Duplex Printing: Automatic or better printing type ✓ • Scan Speed: at least 30 images per minute (ipm) (for A4 size document and normal setting) ✓ • 100 sheet reversing: Optional ✓ • Input Capacity: at least 300 sheets • Output Capacity: at least 200 sheets • Standard print languages: PCL6, PS or better print languages ✓ • With Duplex AF Scanning ✓ • Technology: Digital-CMOS Image Sensors (D-CIS) or better sensor technology • Scan resolution: at least 300 x 300 dpi (at A4 paper format and normal setting) • Scan resolution: at least 2400 x 2400 dpi (at A4 paper format and enhanced setting) • Scan file format supported: PDF, JPEG, TIFF or better file format supported available • Printer Software Features: ID Copy, Book Copy, N-Up, Reduce/Enlarge • Maximum number of copies: at least 750 Copies • First copy out: at least 8.0 s (at A4 paper format and normal setting) • Duty cycle: at least 25,000 pages per month (at A4 paper format and normal setting) • Recommended monthly page volume: 2000 to 5000 • Software inclusion: Common Installer, V3 Print • Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP Scan to PC Lite • Copier settings: at least 600 x 600 dpi x 2 bit; Originals content settings: Text, Text/Photo. • Port: USB 2.0 port or better port • Built-in Ethernet 10/100Base-TX networking • Inclusion of 1-year warranty, with extra 2 pcs Toner compatible to the printer supplied, and Users Manual 	2	89,905.00	179,810.00



PARTICULAR	QTY	UNIT COST (Php)	TOTAL AMOUNT (Php)
<p>SHEET-FED SCANNER</p> <ul style="list-style-type: none"> ● Duty cycle: at least 2,000 pages per day ● Scan speed: at least 20 ppm (at 300 dpi) ● Scanner Type: A4 sheet-fed, one-pass duplex color or better type ● Sensor Type: Contact Image Sensor (CIS) or better sensor type ● Scanning Method: Fixed carriage and moving document or better scanning method ● Light Source: RGB LED or better light source ● Optical Resolution: at least 500 x 500 dpi (at normal settings) ● Output Resolution: at least 1,000 dpi (at normal setting) ● Minimum Document Width: at least 60 mm ● Maximum Document Width: at least 200 mm ● Maximum Document Length: at least 3,000 mm ● Minimum Supported Paper Weight: at least 40 g/m² (at A4 paper format and normal setting) ● Maximum Supported Paper Weight: at least 150 g/m² (at A4 paper format and normal setting) ● Output File Formats: JPEG, TIFF, Multi-TIFF, PDF, Searchable PDF, BMP, PNG, other better file formats ● Minimum Scan Speed: at least 25 ppm (at Monochrome or Colored format, 300 dpi resolution) ● Automatic Document Feeder (ADF) Capacity: at least 40 sheets (at 80 g/m² paper weight) ● Daily Duty Cycle at least 2,000 sheets/day ● Connectivity Interface: at least USB 2.0 or better connectivity ● Supported OS: Windows XP / Vista / 7 / 8 / 8.1 / 10 / Server 2003 / 2008 / 2012 / 2016 Mac OS X 10.6.8 or later Scanner Driver 	7	25,000.00	175,000.00
<p>WIRELESS LASER PRESENTER</p> <ul style="list-style-type: none"> ● Operating distance: at least 8 meters ● Wireless technology: 2.4 GHz wireless technology or better technology ● Compatible OS: Windows, MAC OS ● Interface: USB or better interface ● Accessories: Carrying case, User Manual ● at least 1 year warranty 	12	2,000.00	24,000.00





PARTICULAR	QTY	UNIT COST (Php)	TOTAL AMOUNT (Php)
<ul style="list-style-type: none"> ● Plug and play 			
<p>PROJECTOR</p> <ul style="list-style-type: none"> ● Projection System: DLP (Digital Light Processing) or better system ● Native Resolution: At least 1024 x 768 ● Brightness: At least 4,000 lumens ● Contrast Ratio: At least 20,000:1 ● Lamp Life: At least 4,000 hours ● Projection Method: Front, Rear, Ceiling, Rear Ceiling or better mounting method ● Aspect Ratio: 4:3 or better aspect ratio ● Digital Zoom: at least 1.5x ● Keystone Correction: at least -40°/+40° (Vertical) ● Sync: <ul style="list-style-type: none"> ○ Maximum Vertical Sync: at least 120 Hz ○ Maximum Horizontal Sync: at least 100 kHz ○ Minimum Vertical Sync: at least 24 Hz ○ Minimum Horizontal Sync: at least 15 kHz ● Color Support: at least 1.00 Billion Colors (at 30-bit) ● Interfaces/Ports: <ul style="list-style-type: none"> ○ With at least 1 USB port ○ With Composite Video port ○ With at least 1 VGA Input port ○ With at least 1 VGA Output port ○ With at least 1 Audio Input port ○ With at least 1 Audio Outputs port ○ With at least 1 speaker ○ At least 3 W Speaker Output Power ○ Speaker Output Mode: Mono ● Accessories: HDMI and/or VGA connector and bag 	1	22,000.00	22,000.00
<p>COMPACT DOCUMENT SCANNER (PORTABLE DOCUMENT SCANNER)</p> <ul style="list-style-type: none"> ● Scanner Type: ADF (Automatic Document Feeder) / Manual Feeder, Duplex or better scanner type ● Scanning Speed: at least 20 ppm (at Simplex / Duplex type) ● Optical Resolution: at least 500 dpi ● Minimum ADF Document Width: at least 50 mm ● Maximum ADF Document Width: at least 200 mm 	1	25,000.00	25,000.00





PARTICULAR	QTY	UNIT COST (Php)	TOTAL AMOUNT (Php)
<ul style="list-style-type: none"> ● Maximum ADF Document Length: at least 300 mm ● ADF Capacity: at least 10 sheets (at A4 paper size, 80 g/m² paper weight) ● Sensor Type: CIS ● Features : WiFi App Compatibility ● Interface: USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 or better interface ● Type: Portable 			
<p>COMPUTER LAPTOP POWER STATION</p> <ul style="list-style-type: none"> ● Battery: lithium ion or better battery chemistry ● Material: Aluminum alloy or better material ● Capacity: at least 31,200 mAh ● Power Requirement: compatible with 220 Volts ● Output:1×AC output at least 100 W) ● Output:2×QC USB 3.0 at least 15 W ● Output:1×PD Type-C at least 30W ● Input:1×PD Type-C at least 30W ● AC output style: Universal adapter or better style 	1	6,500.00	6,500.00
<p>FLASH DRIVE (32 GB)</p> <ul style="list-style-type: none"> ● Capacity: At Least 32 GB ● USB Version: USB 3.0 or better USB version ● Compatibility: Windows 11,10/8/7, macOS X, Linux ● Read Speed: at least 150 MB/s ● Write Speed: at least 30 MB/s 	11	500.00	5,500.00
<p>DOCUMENT PRINTER</p> <ul style="list-style-type: none"> ● Printing Method <ul style="list-style-type: none"> ○ Nozzle Configuration: at least 300 Nozzles (in Black ink), at least 100 Nozzles per Color ○ Minimum Droplet Size: at least 3.0 pl ○ Ink Technology: Pigment black and Dye color Inks ○ Printing Resolution: at least 4,800 x 1,200 dpi ● Print <ul style="list-style-type: none"> ○ Printing Speed: at least 30 pages/min (in Monochrome, at plain paper with 75 g/m² paper weight) 	6	40,000.00	240,000.00





PARTICULAR	QTY	UNIT COST (Php)	TOTAL AMOUNT (Php)
<ul style="list-style-type: none"> ○ Printing Speed: at least 20 pages/min (in Colored, at plain paper with 75 g/m2 paper weight) ○ Colours: Black, Cyan, Yellow, Magenta ● Scan <ul style="list-style-type: none"> ○ Optical Resolution: at least 1,200 dpi (horizontal) x 2,400 dpi (vertical) ○ Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG, or better output format ○ Scanner type: Contact image sensor (CIS) or better scanner type ● Features <ul style="list-style-type: none"> ○ Automatic Document Feed Capacity: at least 30 pages ○ Output Tray Capacity: at least 25 Sheets ○ Paper Tray Capacity: at least 200 Sheets (Standard paper weight) 			
GRAND TOTAL			1,748,000.00

III. INSPECTION AND TESTS PROCEDURE

- Inspector and/or Supply Officer can reject any unit or part thereof that fails to pass any test and/or inspection or does not conform to specifications.
- Inspector and/or Supply Officer will issue an Inspection and Acceptance Report (IAR) upon determining that the delivered Various ICT Equipment is usable and in good working condition.

IV. AFTER-SALES SERVICE OR PARTS

A. ORIENTATION/TRAINING REQUIREMENTS

The Winning Bidder shall provide at least **one (1) day** of in-person training/technical updates on all various ICT requirements. This shall include orientation on the operation, repair, maintenance, and basic troubleshooting of devices.

B. WARRANTY REQUIREMENTS

- To secure requested brand-new pieces of equipment with service and hardware warranty for **at least One (1) year**.
- Bidders must be available for 8x5 technical support for the duration of



the warranty/contract with an available response on the **next business day** from the date the end-user reported the issues.

V. PAYMENT TERMS AND CONDITIONS

One-time payment shall be made upon completion of all lots for the supply and delivery of Various ICT Equipment subject to submission of the following documents:

- a. Certificate of Warranty for all equipment;
- b. Certificate of Replacement for defective items/parts; and
- c. Sales Invoice/Delivery Receipt.

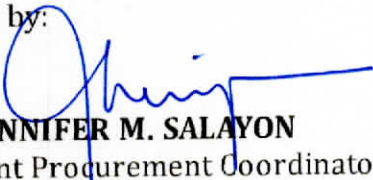
VI. MODE OF PROCUREMENT / AWARDING

The supply, delivery, and installation of various ICT equipment will be procured through **Competitive Bidding**. The awarding of this project shall be done by **LOT**.

VII. ADDITIONAL TECHNICAL DOCUMENTS

- To protect from unreliable and unproven products the bidders are required to obtain a Satisfactory Performance Certificate from either the BAFE or their previous contracts and clients. This is to ensure that the bidder has a good track record and can provide quality service.

Prepared by:


ENGR. JENNIFER M. SALAYON
Permanent Procurement Coordinator, PKMDD

Approved by:


ENGR. ARNEL L. TENORIO
Chief, PKMDD