

Republic of the Philippines BUREAU OF AGRICULTURAL AND FISHERIES ENGINEERING SRA Compound, Annex II Building Ext, North Avenue, Diliman, Quezon City (02) 8351-8120, (02) 8294-9741

## **TECHNICAL SPECIFICATIONS**

**ANNFX A** 

### 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 which 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:

- **WIRELESS ALL-IN-ONE 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.
- **BARCODE SCANNER(MULTI-FUNCTIONAL).** Barcode scanners are versatile tools that save time, reduce errors, and improve productivity across a wide range of industries and applications. In offices and document-intensive environments, barcode scanners are used to automate the process of filing and retrieving documents. Barcodes on folders and documents simplify organization and retrieval. They are an integral part of modern office operations and data management systems.
- **GEOTAGGING DEVICES**. Geotagging devices enhance the value and usability of digital media by adding location information. This additional layer of data enables a wide range of applications, from personal use to scientific research and societal benefit Geotagging contributes to creating detailed maps and spatial databases. Geotagged data can be used in Geographic Information Systems (GIS) for various purposes, such as urban planning, environmental monitoring, and disaster response.
- **WIRELESS LASER PRESENTER.** 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 giving presenters the ability 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.

### II. APPROVED BUDGET FOR THE CONTRACT (ABC)

The ABC for the Supply, Delivery, and Installation of Various ICT Equipment is **Three Hundred Ninety-Six Thousand and Nine-Hundred Pesos Only (Php 396,900.00)** 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 **One Hundred Twenty (120) calendar days** from the receipt/conforme of the Notice to Proceed (NTP).

## V. ITEM SPECIFICATIONS AND COST ESTIMATES

Lot No.	DESCRIPTION/ PARTICULARS	QTY	UNIT COST	TOTAL COST
1	WIRELESS ALL-IN-ONE PRINTER	3	42,300.00	126,900.00
	Printer Type: Print, Scan, Copy, Fax with ADF			
	Print Direction: Bi-directional printing			
	<b>Nozzle Configuration</b> at least 350 Nozzles Black, at least 100 Nozzles per Color			
	<b>Minimum Droplet Size</b> 3.3 pl			
	<b>Ink Technology</b> Pigment black and Dye colour Inks			
	<b>Printing Resolution</b> at least 4,800 x 1,200 DPI			
	<b>All-in-One Functions</b> Print, Scan, Copy, Fax			
	<b>Printing Speed ISO/IEC 24734</b> at least 15 pages/min Monochrome, at least 7 pages/min (Color)			
	<b>Printing Speed</b> at least 35 pages/min Monochrome (plain paper 75 g/m <sup>2</sup> ), at least 20 pages/min (Color)(plain paper 75 g/m <sup>2</sup> )			
	<b>Duplex Printing Speed ISO/IEC 24734</b> at least 5 A4 Pages/min Monochrome, at least 3 A4 Pages/min (Color)			
	<b>Colors</b> Black, Cyan, Yellow, Magenta			
	Scan			
	<b>Optical Resolution</b> 1,200 DPI x 2,400 DPI (Horizontal x Vertical)			
	<b>Output formats</b> BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG			
	<b>Scanner type</b> Contact image sensor (CIS)			
	Other Features			
	<b>Panel</b> Type: Color, Touchscreen, Diagonal: 6.8 cm			
	<b>Features</b> Touchscreen			

Paper / Media Handl	ing			
Number of paper tra	ys			
1				
(14.8x21.0 cm), A6 (1) (Envelope), C6 (Envelo	n), A4 (21.0x29.7 cm), A5 0.5x14.8 cm), B4, B5, B6, C4 ope), DL (Envelope), No. 10 gal, 10 x 15 cm, 13 x 18 cm,			
<b>Duplex</b> Yes (A4, plain paper)				
1. 0.	, 0 mm bottom, 0 mm left lefined. Otherwise 3mm top,			
Automatic Document at least 25 pages	t Feed			
<b>Output Tray Capacity</b> at least 25 Sheets	<i>y</i>			
<b>Paper Tray Capacity</b> at least 200 Sheets				
Rear paper path (spe	ecial media) : Yes			
<b>Media Handling</b> Automatic duplex (A4,	, plain paper)			
BARCODE SCANNER	(Multi-Functional)	6	8,333.33	50,000.00
<ul> <li>Scan Pattern: Area</li> <li>better scan pattern</li> <li>Scanning Range: at</li> <li>the barcode type and s</li> <li>Decode Capability:</li> <li>1D and 2D barcode system</li> <li>codes, Data Matrix, PD</li> <li>Connectivity: USB, Bluetooth (optional)</li> <li>Power Source: Usua</li> <li>connection or an option</li> <li>Compatibility: Com</li> </ul>	Capable of reading various mbologies, including QR 0F417, and more. RS-232, Keyboard Wedge, ally powered through a USB onal power supply.			
GEOTAGGING/DOCU		8	25,000.00	200,000.00
CPU Type Size (Main Display)	At least Octa-Core or Any equivalent speed At least 10.5" (266.9mm)			
	AUCASI 10.3 (200.311111)			

Resolution (Main Display)	At least 1920 x 1200			
Rear Camera - Resolution	At least 8.0 MP			
Rear Camera - Auto Focus	Yes			
Front Camera - Resolution	At least 5.0 MP			
Video Recording Resolution	FHD (1920 x 1080) @ 30fps			
Memory (GB)	At least 4GB			
Storage (GB)	At least 128GB			
USB Version	USB 2.0			
Location Technology	GPS, Glonass, Galileo, QZSS			
Earjack	3.5mm Stereo			
Wi-Fi	802.11 a / b / g / n / ac 2.4G+ 5GHz, VHT80			
Bluetooth Version	At least Bluetooth v5.0			
NFC	No			
Battery Capacity (mAh, Typical)	At least 7040 mAh			
Video Playing	At least MP4, M4V, 3GP, 3G2,			
Format	AVI, FLV, MKV, WEBM			
Video Playing	At least FHD (1920 x 1080)			
Resolution	@ 60fps			
Battery Capacity	At least 7,040mAh			
Resolution - Main Display	At least 1920 x 1200			
External Memory Support	At least 1TB expandable			
Form Factor	Tablet			
Charger	Yes			
- Battery life (Laser po Rechargeable thru USI - Wireless operating d	in 1mW t 640~660nm (red light) ointer): at least 10 hours and B istance: at most 10m* 2.4 GHz wireless technology ows, MAC OS g case, User Manual	10	2,000.00	20,000.0
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## VI. 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.

### VII. AFTER-SALES SERVICE AND PARTS

## A. ORIENTATION/TRAINING REQUIREMENTS

The Winning Bidder shall provide at least **one (1) day** of in-person/online training/technical updates on all various ICT requirements for at least 5 BAFE Technical staff. 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.** The Warranty period will start upon the acceptance of the ICT equipment or product.
- The winning bidder must be available for 8 hours, 5 days 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.

## VIII. PAYMENT TERMS AND CONDITIONS

**One-time payment** shall be made upon completion and acceptance 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.

## IX. MODE OF PROCUREMENT / AWARDING

The supply, delivery, and installation of various ICT equipment will be procured through public bidding.

### X. 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 private or public contracts and clients. This is to ensure that the bidder has a good track record and can provide quality service. This will be required during the post qualification period.

Prepared by:

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JULIUS ABE S. PERALTA Procurement Coordinator, PKMDD Chief, System Development and Knowledge Management OIC, Digital Technology Application Section



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### **TECHNICAL SPECIFICATIONS**

### SUPPLY, DELIVERY, AND INSTALLATION OF VARIOUS ICT EQUIPMENT

### I. RATIONALE/PURPOSE/OBJECTIVE

The acquisition of ICT goods under this procurement will establish high-end technology devices which 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:

- LAPTOP COMPUTER (UNIX-BASED). To Provide powerful computer capabilities for task like rendering and data processing for ABEMIS, GEOAGRI and other Various Management Information System of BAFE. This device will be used by the technical personnel of SEPPD and PKMDD for the development of engineering applications and software projects that need higher system requirements specifications for Programming and Engineering works.
- WIRELESS ALL-IN-ONE 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.
- A3 PRINTER. This printer will help the BAFE to accommodate printing of larger paper sizes and meet the printing needs of our organization that require high-quality, large-format documents, images, and graphics for various applications. This printer will also provide convenience in printing Architectural and Engineering Drawings and its Design.
- **DOCUMENT PRINTER.** This device is designed to produce physical copies of digital documents or images stored on a computer or other electronic device. The primary purpose of a document printer is to convert electronic information into a tangible, printed form. Here are some common purposes and uses of document printers:

#### II. APPROVED BUDGET FOR THE CONTRACT (ABC)

The ABC for the Supply, Delivery, and Installation of Various ICT Equipment is **One Million Five Hundred Seventy-Eight Thousand and Six-Hundred Fifteen Pesos Only (Php 1,578,615.00)** 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

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## V. ITEM SPECIFICATIONS AND COST ESTIMATES

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Lot No.	DESCRIPTION/ PARTICULARS	QTY	UNIT COST	TOTAL COST
1	<ul> <li>LAPTOP COMPUTER (UNIX-BASED) <ul> <li>at least 8-core CPU;</li> <li>at least 10-core GPU;</li> <li>at least 16-core Neural Engine;</li> <li>at least 8GB unified memory or more;</li> <li>at least 256GB SSD storage;</li> <li>at least 13.3 -inch retina display;</li> </ul> </li> <li>Accessories and Peripherals: <ul> <li>Laptop bag;</li> <li>Type C USB Hub (at least with 1x HMDI 4k@60hz, 2X USB C, 1x RJ45, 1x SD card slot, 1x TF card slot, 2x USB 3.0, 1x PD Charger 100W;</li> <li>Desk Pad (at least XXL, Non-Slip, Water Proof)</li> <li>AC Adapter and Power Cord;</li> <li>Warranty:</li> <li>At least One (1) year warranty;</li> </ul> </li> </ul>	10	107,412.00	1,074,120.00
2	Printer (A3 Printer) Printing Method: Print Head Functions: Print, Copy, Scan, Fax and with ADF Nozzle Configuration: At least 800 nozzles each colour (CMYK) Print Direction: Bi-directional printing, Uni-directional printing Maximum Resolution: At least 4.6 pl Print Speed: Approx. 35 ppm / 35 ppm (Black#1 / Colour#2) First Page Out Time: Approx. 5.5 sec (Black / Colour) Memory: At least 3,072 MB Maximum Monthly Duty Cycle: At least 75,000 pages per month Recommended Monthly Print Volume: At least 2,000 - 10,000 pages per month Automatic 2-sided printing: YES Copy Speed:	1	275,552.00	275,552.00

Approx	. 23 ipm / 22 ipm (Black / Colour)	
	um Copies:	
At least	999 copies	
Maxim	um Copy Resolution:	
At least	600 x 600 dpi	
	aper Size:	
	Legal, Indian-Legal, 8.5x13in,	
	A4, B5, A5, B6, A6, 16K, 8K,	
	m, HV 16:9 Wide, 10x15cm, #10,	
DL, C4,		
	er Type:	
	colour image scanner, Mono CIS	
	Resolution:	
	: 1,200 x 2,400 dpi	
	um Scan Area:	
At least	: 297.18 x 431.8 mm	
Scan S		
	nrome- 4.0 sec / 25 ppm / 45 ipm	
	5.0 sec / 25 ppm / 45 ipm	
	inction:	· · ·
	Capacity- 50 sheets (80 g/m2 )	
-	atic 2-sided Scan / Copy:	
YES		
Fax Fu	nction:	
Walk-u	p Black-and-white and Colour Fax	
Capabi	-	
· · ·	age Memory Up to 550 pages	
	3/Ledger Paper Size	
	,000 numbers, 200 groups dials	
	00 dpi Fax Resolution	
	3.6 kbps, Approx. 3 sec/page fax	
speed	1, 11, 11, 10	
	Handling:	
-	t 1, Rear 1) Paper Trays	
	35 sheets (80 g/m²) standard paper	
	and up to 1,835 sheets on maximum	
paper i	•	
	eets output capacity	
	<b>um Paper Size</b> -A3+, 329 x 1200	
	2.95 x 47.24")	ſ
-	Sizes: A6, A5, A4, A3, A3+, A3,	
	ve, Letter, 8.5 x 13 in, Indian-Legal,	
	36, B5, B4, 100 x 148 mm, 3.5 x 5 in,	
<b>•</b>	, 5 x 7 in, 5 x 8 in, 8 x 10 in, 16:9	
	6K 195 x 270 mm, 8K 270 x 390	
	velopes: #10, DL, C6, C4	
	n Feed Paper Feed Method	
Interfa		
1	),Ethernet (1000BASE-T/100BASE-	
	BASE-T), Wi-Fi (IEEE 802.11b/g/n),	
	Direct,TCP/IPv4, TCP/IPv6, SNMP,	
	DHCP, BOOTP, APIPA, PING, DDNS,	
	SNTP, SLP, WSD, LLTD, Limit Access	
	on, PIN No. Certification, LDAP	

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1	Address Book, IP Address Filtering, Panel			
	Admin Mode, LPD, IPP, PORT9100, WSD			
	Control Panel:			
	At least 5.0 inch TFT Colour LCD			
	Consumables:	Ì		
	20,000 pages (CMYK)			
	Operating System Compatibility:			
	Windows XP / Vista / 7 / 8 / 8.1 / 10			
	Mac OS X 10.6.8 or later			
	Windows Server 2003 / 2008 / 2012 /	ł		
	2016 / 2019			
	Mobile and Remote Printing:			
1	iPrint, Email Print, Remote Print Driver,	ĺ		
	Scan to Cloud, Apple AirPrint			
	Environmental Compliance:			·
	<ul> <li>ENERGY STAR® qualified</li> </ul>			
	RoHS compliant			
	Must include:	Í		
	Maintenance Box			
	Power Cord			ł
	CD-ROM for Product Setup	Ì		
	-			
	• 1 set of inks (CMYK)			(
	<ul> <li>Manual/User Guide</li> </ul>			
	Drivers			1
	<ul> <li>1 year warranty</li> </ul>			
	WIRELESS ALL-IN-ONE PRINTER	3	56,981.00	170,943.00
3	Functions:			
3	Print, Scan, Copy, Fax			
3	1			
3	Print, Scan, Copy, Fax			
3	Print, Scan, Copy, Fax <b>Print Speed:</b>			
3	Print, Scan, Copy, Fax <b>Print Speed:</b> Up to 25 images per minute <b>Paper Size:</b>			
3	Print, Scan, Copy, Fax <b>Print Speed:</b> Up to 25 images per minute <b>Paper Size:</b> • A3, Super B (13 x 19"), Legal,			
3	Print, Scan, Copy, Fax <b>Print Speed:</b> Up to 25 images per minute <b>Paper Size:</b> • A3, Super B (13 x 19"), Legal, Letter, A4, 16K (195 x 270mm), 8K			
3	<ul> <li>Print, Scan, Copy, Fax</li> <li>Print Speed:</li> <li>Up to 25 images per minute</li> <li>Paper Size: <ul> <li>A3, Super B (13 x 19"), Legal, Letter, A4, 16K (195 x 270mm), 8K (270 x 390mm), Executive (7.25 x 1)</li> </ul> </li> </ul>			
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3	<ul> <li>Print, Scan, Copy, Fax</li> <li>Print Speed:</li> <li>Up to 25 images per minute</li> <li>Paper Size: <ul> <li>A3, Super B (13 x 19"), Legal,</li> <li>Letter, A4, 16K (195 x 270mm), 8K</li> <li>(270 x 390mm), Executive (7.25 x 1</li> <li>0.5"), B4, B5, A5, B6, A6, 8.5 x 13", 5</li> <li>x 7", 4 x 6", 8 x 10", Legal (8.5 x 14")</li> </ul> </li> </ul>			, ,
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3	<ul> <li>Print, Scan, Copy, Fax</li> <li>Print Speed:</li> <li>Up to 25 images per minute</li> <li>Paper Size: <ul> <li>A3, Super B (13 x 19"), Legal,</li> <li>Letter, A4, 16K (195 x 270mm), 8K (270 x 390mm), Executive (7.25 x 1 0.5"), B4, B5, A5, B6, A6, 8.5 x 13", 5 x 7", 4 x 6", 8 x 10", Legal (8.5 x 14"), 16:9 wide, Envelopes: #10, DL, C6, C4</li> </ul> </li> </ul>			
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3	<ul> <li>Print, Scan, Copy, Fax</li> <li>Print Speed:</li> <li>Up to 25 images per minute</li> <li>Paper Size: <ul> <li>A3, Super B (13 x 19"), Legal,</li> <li>Letter, A4, 16K (195 x 270mm), 8K (270 x 390mm), Executive (7.25 x 1 0.5"), B4, B5, A5, B6, A6, 8.5 x 13", 5 x 7", 4 x 6", 8 x 10", Legal (8.5 x 14"), 16:9 wide, Envelopes: #10, DL, C6, C4</li> <li>Automatic duplex printing</li> </ul> </li> <li>Resolution:</li> </ul>			
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<ul> <li>At least 250 sheets of paper capacity</li> <li>At least compatible with Windows and Mac</li> <li>With at least two (2) standby maintenance box</li> <li>Wireless printing capable or better feature</li> <li>With at least 2 m USB 2.0 interface cable</li> <li>At least compatible with 220-240 V and 60 Hz AC power input</li> <li>At least 1 year warranty <ul> <li>With user manual</li> </ul> </li> </ul>			
<ul> <li>DOCUMENT PRINTER</li> <li>Print, Scan, Copy</li> <li>Compact integrated tank design</li> <li>Print speeds up to 15.5ipm for black and 8.5ipm for color</li> <li>Auto-Duplex printing</li> <li>ADF capability</li> <li>Ethernet &amp; Wi-Fi Direct</li> <li>Seamless setup with Epson Smart Panel</li> <li>Borderless Printing up to A4 size</li> <li>Spill-free ink refilling</li> <li>Warranty of 2 years of 50,000 pages, whichever comes first</li> <li>Powered by Epson Heat-Free Technology</li> <li>Printer Type: Print, Scan, Copy with ADF</li> <li>Maximum Resolution: 4800 x 1200 dpi</li> <li>Photo Default - 10 x 15 cm / 4 x 6: Approx. 69 sec per photo</li> <li>Draft, A4 (Black / Colour): Up to 33.0 ppm / 20.0 ppm</li> <li>ISO 24734, A4 Simplex (Black / Colour): Simplex: Up to 15.5 ipm / 8.5 ipm</li> <li>ISO 24734, A4 Duplex (Black / Colour): Duplex: Up to 6.5 ipm / 4.5 ipm</li> </ul>	3	19,333.33	58,000.00
	Gr	and Total:	PhP 1,578,615.00

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### VI. INSPECTION AND TESTS PROCEDURE

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- 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 (Printers, Scanner, and Document Camera) is usable and in good working condition.

## VII. AFTER-SALES SERVICE OR PARTS

### A. ORIENTATION/TRAINING REQUIREMENTS

The Winning Bidder shall provide at least **one (1) day** of in-person/online training/technical updates on **Printer**, and Laptops. 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.
- Bidder 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.

### VIII. 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.

### IX. MODE OF PROCUREMENT / AWARDING

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

### X. ADDITIONAL TECHNICAL DOCUMENTS

To protect from unreliable and unproven products the bidders must submit the following documents:

• 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:

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JULAUS ABE S. PERALTA Procurement Coordinator, PKMDD Chief, System Development and Knowledge Management OIC, Digital Technology Application Section



Republic of the Philippines Department of Agriculture **BUREAU OF AGRICULTURAL AND FISHERIES ENGNEERING (BAFE)** Sugar Center, Annex II Building Extension, North Avenue, Diliman, Quezon City Tel No. (02) 8351-8120, 8294-9741 Email add: *bafe@da.gov.ph* 

## **TECHNICAL SPECIFICATIONS**

# SUPPLY AND DELIVERY OF VARIOUS SOFTWARE AND SUBSCRIPTIONS FOR BAFE PERSONNEL

## **OBJECTIVE:**

- 1. Video Processing Subscription: To assist technical staff in producing fast, high-quality edits while staying focused on your articles, vlogs, and topics related to the agricultural and fishery engineering sector. It can also assist the staff in automating audio mixes with full control over volume, panning, bussing, audio effects, and more. Create original sound effects and mix them with stock sounds.
- 2. **Image Processing Subscription**: To aid technical staff in enhancing images, application of photo effects, creating social media content, and application of premium designs and templates used for visual presentation and other functions related to images.
- 3. Online Data Collection and Analysis Platform Subscription (Annual) aims to provide humanitarian aid and development organizations with a versatile and user-friendly tool for effective and trustworthy data collection, management, and analysis. This platform will enable evidence-based decision-making and enhance project outcomes. It will be specifically utilized for data gathering in the field of Agricultural and Biosystems Engineering, including Fisheries and the Agricultural sector:

### **APPROVED BUDGET FOR THE CONTRACT (ABC):**

The Approved Budget for the Contract is **One Hundred Fifty-Five Thousand Five Hundred Pesos (PhP 155,500.00)** inclusive of all taxes, delivery, installation fee/service charges, and all other charges.

ITEM DESCRIPTION	QTY	UNIT COST (PhP)	TOTAL COST (PhP)
<ul> <li>Video Processing Subscription (features/functions) <ul> <li>Licenses should be for 1-year cloud-based software Professional video editing software for creating content web videos and other animations for any medium. </li> <li>Must be compatible and can be integrated with any medium software installed in office laptops.</li> </ul> Must be compatible with current office laptops with Windows 10 (64-bit) operating system. <ul> <li>Must be able to operate with eight (8) gigabytes of random-access memory (RAM).</li> <li>Must be able to create videos with at least two (2) gigabytes of the graphic processing unit (GPU) video random access memory (VRAM).</li> </ul></li></ul>	1	21,500.00	21,500.00

### TECHNICAL DESCRIPTION AND COMPLIANCE AND ESTIMATED COST:

<ul> <li>Unlimited video &amp; audio tracks, Storyboard and timeline synchronization, Nested timelines.</li> <li>Adjustment tracks, Keyframing &amp; automation control.</li> </ul>			
<ul> <li>Image Processing Subscription (features/functions)</li> <li>Curved text Generator.</li> <li>Photo effects.</li> <li>Image enhancer.</li> <li>Add frames to photos.</li> <li>Add text to photos.</li> <li>Add text to photos.</li> <li>100+ million premium stock photos, videos, audio, and graphics 610,000+.</li> <li>Premium and free templates with new designs daily Easily save and apply your brand's visual identity with up to 100 Brand Kits.</li> <li>Remove image backgrounds instantly with the Background Remover feature.</li> <li>Resize designs infinitely with Magic Resize.</li> <li>Unlimited features, folders, and premium content Schedule social media content to eight platforms with 1TB of cloud storage.</li> </ul>	3	3,000.00	9,000.00
Online Data Collection and Analysis Platform (Annual Subscription) • Form Builder Software:			
<ul> <li>This software is a form builder tool used to create custom data collection forms. It allows users to design forms using a webbased interface.</li> <li>It supports a variety of form elements, such as text inputs, multiple-choice questions, geolocation, images, and more.</li> <li>Forms can be designed with conditional logic to show or hide questions based on certain criteria.</li> <li>Data validation rules can be defined to ensure data quality and accuracy during data entry.</li> </ul>			
Data Collector Software:			
<ul> <li>This software is the data collection component of this platform, available as a mobile application for Android devices.</li> <li>It allows users to collect data in the field using the custom forms created with Form Builder Software.</li> <li>Data can be collected offline and synchronized with the server when an internet connection is available.</li> </ul>	1	125,000.00	125,000.00

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<ul> <li>It supports various media types, including images, video, audio, and barcodes.</li> </ul>		
Server Requirements:		
<ul> <li>This Online Data Collection and Analysis Platform can be hosted on your own server infrastructure or used through the official platform servers.</li> <li>The server should have a web server software installed, such as Apache or Nginx, to handle HTTP requests.</li> <li>The server-side component of platform is written in Python, so a compatible version of Python should be installed.</li> <li>It uses Django, a Python web framework, so Django and its dependencies should be installed.</li> <li>The server should have PostgreSQL or MySQL database management system installed to store the data.</li> </ul>		
Supported Browsers:		
<ul> <li>Online Data Collection and Analysis Platform supports modern web browsers, including Google Chrome, Mozilla Firefox, Safari, and Microsoft Edge.</li> <li>JavaScript and cookies should be enabled in the browser for optimal functionality.</li> </ul>		
<ul> <li>Mobile Requirements:         <ul> <li>the mobile data collection app, is available for Android devices running Android 6.0 (MarshMallow) or later versions.</li> </ul> </li> </ul>		
<ul> <li>Compatible with GPS capabilities devices for collecting geolocation data.</li> </ul>		
Grand	Total	PhP 155,500.00

### WARRANTY AND TRAINING

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- Must have at least 1-year after-sales support.
- Must have basic technology transfer seminar/training for at least five (5) participants.

### SCHEDULE OF DELIVERY/INSTALLATION:

All items shall be supplied and delivered/installed within sixty (60) calendar days upon receipt of the Notice to Proceed (NTP) at **BAFE**, **Sugar Center**, **Annex II Building Extension**, **North Avenue**, **Diliman**, **Quezon City**.

### ADDITIONAL TECHNICAL DOCUMENTS

All Bidders must submit the following documents:

• At least five (5) years active in the market and at least one (1) similar contract

### **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 software is usable and in good working condition.

### PAYMENT

**One-Time payment** shall be done within Thirty (30) working days after the installation and acceptance of the software including documents such as sales invoice/billing statements and other requirements.

Prepared by:

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JULAUS ABE S. PERALTA Chief, Digital Technology Application Section and System Development and Knowledge Management Section Permanent Procurement Coordinator, PKMDD

**CONFORME:** 

[Signature of Authorized Representative]

[In the capacity of (Please indicate position of Authorized Representative]

Duly authorized to sign Bid for and on behalf of \_\_\_\_

[Please indicate the name of company]